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ABSTRACT

April 1990 marked the tenth year of the effort mandated by the Arizona State Legislature to assess student performance through nationally standardized norm-referenced achievement testing in reading, grammar, and mathematics for students in grades 1 through 12. This was the sixth year the Iowa Tests of Basic Skills were administered to students in grades 1 through 8 and the second year the Tests of Achievement and Proficiency were administered to students in grades 9 through 12. Student performance across all grades and statewide performance within grade are summarized for 469,601 students enrolled in 985 schools in 214 districts. Gender, racial, and ethnic differences are also identified. Only representative samples of students were tested in grades 1 and 12. Arizona students collectively scored in the average ranges in reading, language, and mathematics across all grades based on 1987-88 national norms. In 33 comparisons with state data from the previous year, 19 areas showed growth, two remained the same, and 12 declined. Twenty-six bar graphs and 37 tables contain the test results. The appendixes provide the 1990 percentile ranks for students in grades 1-12 in reading, language, and mathematics. (SLD)

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Statewide Report

For

Arizona Pupil Achievement Testing

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June 1990

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Arizona Department of Education
C. Diane Bishop, Superintendent

1535 West Jefferson
Phoenix, Arizona 85007

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Statewide Report

For

Arizona Pupil Achievement Testing

June 1990

Arizona Department of Education

C. Diane Bishop, Superintendent

1535 West Jefferson
Phoenix, Arizona 85007

1912

Arizona
Department of Education

C. DIANE BISHOP
Superintendent

July 1990

MEMORANDUM

TO:	Members of the Fortieth Legislature State Board of Education Members County School Superintendents Superintendents and Heads of Districts
FROM:	C. Diane Bishop C Diane Bishop State Superintendent of Public Instruction
SUBJECT:	1990 Arizona Pupil Achievement Testing Statewide Report

It is a pleasure to provide you with this copy of the 1990 Arizona Pupil Achievement Testing Statewide Report. April 1990 marked the tenth year of the testing program which is mandated by Arizona Revised Statutes Section 15-741. This law requires the State Board of Education to adopt and implement a statewide nationally-standardized norm-referenced achievement testing program in the areas of reading, grammar, and mathematics for pupils in grades one through twelve.

Legislation passed in 1988 requires only that representative samples of pupils in grades one and twelve be tested. School district governing boards may also choose to administer the test to all their pupils in grades one or twelve, or both. The results contained in this report for grades one and twelve are based only on the representative sample of pupils tested at those grades.

This was the sixth year the Iowa Tests of Basic Skills (ITBS) were given to pupils in grades one through eight and the second year the Tests of Achievement and Proficiency (TAP) were given to pupils in grades nine through twelve. Form J, with 1988 norms, was used for a second year. This report first summarizes pupil performance across all grades and then presents a summary of statewide performance within grade.

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INTRODUCTION

This is the tenth year of the Arizona Pupil Achievement Testing Program which is administered to fulfill the requirements of Arizona Revised Statutes Section 15-741 through Section 15-744. This legislation mandates that a nationally standardized norm-referenced achievement testing program be adopted and implemented for use in grades one through twelve in the subjects of reading, grammar and mathematics. The legislation exempts the testing of specified groups of handicapped pupils. A revision of the law passed in 1982 allows the governing board of a school district to exempt pupils who are non-English monolingual or predominantly speakers of a language other than English for up to three years. Legislation passed in 1988 requires only that representative samples of pupils in grades one and twelve be tested. School district governing boards may also choose to have the test administered to all pupils in grade one or twelve, or both.

For 1990, the Arizona State Board of Education adopted the Riverside Basic Skills Assessment Program which comprises the **Iowa Tests of Basic Skills** (ITBS) for grades one through eight and the **Tests of Achievement and Proficiency** (TAP) for grades nine through twelve. These tests are published by the Riverside Publishing Company. For Arizona, pupil scores are reported by subject, subtest and skill at the pupil and classroom levels. Scores are then aggregated to the school, district, county and state levels.

A total of 433,971 Arizona pupils in grades two through eleven were tested during the period of April 2 through April 13, 1990. This was 8,942 more students than were tested in 1989 in grades 2-11. In addition, 35,630 pupils were tested in grades one and twelve. The combined total of 469,601 pupils tested is 6,657 more than were tested in 1989. A total of 8,261 pupils in grades 2-11 who are non-English monolingual or predominantly speakers of a language other than English were exempted from testing. The statewide data reported herein are based on the performance of the tested pupils who were enrolled in 985 schools in 214 districts.

This report briefly describes the tests, test scores and reports that fulfill the requirements of the legislation as implemented by the Arizona Department of Education. It summarizes the 1990 Arizona statewide results across grades and within grade. Discussions of pupil achievement trends and demographic characteristics are included.

DESCRIPTION OF TESTS

The tests administered in the 1990 Arizona Pupil Achievement Testing Program (i.e., ITBS and TAP) are nationally standardized achievement tests. A standardized achievement test is one that has been administered using specific directions under specific conditions to a representative sample of students from across the nation. This is referred to as the standardization sample. Scores resulting from the standardization administration become the norms that permit test users to compare the performance of a particular pupil or group of pupils with that of pupils and groups of the same age and grade across the nation. The norms on which the 1990 scores are based represent national achievement performance during the 1987-88 school year.

Each test administration in the 1990 testing program is composed of numerous subtests. Specific sets of subtests are combined to form subjects or content domains (i.e., reading, language, mathematics, etc.). The subjects measured by these tests cover a broader base than just reading, language and mathematics. However, since the Arizona legislature has mandated testing of these subjects they will be the primary focus of this report.

The subjects of reading, language and mathematics are composed of the following subtests:

Grades/Test	**Series**	**Subject Areas**	**Subtests**
Grades 1-8	**ITBS**	Reading	Reading Comprehension (R)*
		Language	Spelling (L-1)
			Capitalization (L-2)
			Punctuation (L-3)
			Usage and Expression (L-4)
		Mathematics	Mathematics Concepts (M-1)
			Mathematics Problem Solving (M-2)
			Mathematics Computation (M-3)
Grades 9-12	**TAP**	Reading	Reading Comprehension
		Language	Written Expression
		Mathematics	Mathematics

*The Reading tests at grades 1 and 2 are composed of Pictures (R-1), Sentences (R-2) and Stories (R-3), but only one reading score is given on the reports. Separate scores are given for all other subtests at all levels (e.g., L-1, L-2, M-3, etc.).

Tables 1 and 2 show the subtests, subjects and the number of items for each on the ITBS and the TAP respectively.

Table 1
NUMBER OF ITEMS BY SUBTEST AND SUBJECT FOR GRADES ONE THROUGH EIGHT (LEVELS 7-14) IOWA TESTS OF BASIC SKILLS

Subtest/Subject	Grade Level							
	1	2	3	4	5	6	7	8
Listening	32	32						
Word Analysis	47	50						
Vocabulary	30	30	30	36	39	41	41	41
Reading Comprehension			44	49	54	56	57	58
Pictures	23	23						
Sentences	14	14						
Stories	19	24						
LANGUAGE SKILLS								
Spelling	27	29	30	36	40	41	41	41
Capitalization	60	66	28	29	30	30	31	32
Punctuation	46	60	28	29	30	30	31	32
Usage and Expression	27	27	33	36	38	40	43	43
WORK STUDY SKILLS								
Visual Materials	28	29	33	36	43	45	49	51
Reference Materials	30	33	33	39	40	41	42	43
MATHEMATICS SKILLS								
Mathematics Concepts	33	36	28	32	35	39	41	42
Mathematics Problem Solving	22	28	24	26	27	29	30	32
Mathematics Computation	27	32	34	37	39	41	42	43
COMPLETE BATTERY	**465**	**513**	**345**	**385**	**415**	**433**	**448**	**458**

Table 2
NUMBER OF ITEMS BY SUBJECT FOR GRADES NINE THROUGH TWELVE (LEVELS 15-18) TESTS OF ACHIEVEMENT AND PROFICIENCY

Subject	Grade Level			
	9	10	11	12
READING COMPREHENSION	57	58	58	63
MATHEMATICS	48	48	48	48
WRITTEN EXPRESSION	63	63	65	66
USING SOURCES OF INFORMATION	61	66	70	68

The following five variables were collected for each pupil during the test administration: 1) sex, 2) primary language, 3) limited English proficient (LEP) in programs by model 4) racial/ethnic background and 5) continuous number of years pupil has been enrolled in the district. The collection of this information makes possible the analysis of test results for specified groups of pupils.

DESCRIPTION OF REPORTS

The results of the Arizona Pupil Achievement Testing Program are reported at six levels: 1) pupil, 2) classroom, 3) school, 4) district, 5) county and 6) state.

Pupil. Two sets of reports are produced for each pupil. The Individual Pupil Report, designed for use by the classroom teacher, describes the individual pupil's performance by skill, subtest and subject.

The Pupil Home Report presents test results to parents and guardians. A narrative portion guides the parent in interpreting the numeric scores which follow. A graphic display aids the parent in identifying his or her child's strengths and weaknesses.

Classroom. Two reports are provided which list individual pupil scores in classroom groupings. The Classroom Report lists the pupils' subtest and subject scores. This report can be used to compare pupil and total class performance with that of the norm group. Individual pupil and class strengths and weaknesses can be identified by using the information presented on the Classroom Report.

The Classroom Skills Report refines the information presented on the Classroom Report by listing pupil performance on **each of the skill areas** that are measured within the subtests for each subject. Thus, areas of pupil strengths and weaknesses can be further delineated.

School. Three reports are produced for each school: 1) School Report, 2) School Skills Report and 3) Analysis by Variables Report. The School Report and School Skills Report are similar in concept, format and function to the classroom reports. These two reports list teachers within a school and the average scores earned by their classes. By comparison, the classroom reports list *pupil* performance.

The Analysis by Variables Report displays the test results schoolwide by grade for each of the five demographic variables: sex, primary language, limited English proficient (LEP) in programs by model, racial/ethnic background and continuous number of years pupil has been enrolled in the district. Scores are presented by subtest and subject. The response categories are as follows:

- **Sex** -male, female
- **Primary language** -English, Spanish, Spanish exclusively, Navajo, Navajo exclusively, Other, Other exclusively
- **Limited English proficient (LEP) in programs by model** -transitional bilingual K-6, secondary bilingual 7-12, bilingual/bicultural K-12, English as a second language (ESL), individual education program
- **Racial/ethnic background** -White (not of Hispanic origin), Black (not of Hispanic origin), Hispanic, American Indian or Alaskan Native, Asian or Pacific Islander
- **Continuous number of years pupil has been enrolled in the district** -Less than 1, 1 but less than 2, 2 but less than 4, 4 but less than 6, 6 but less than 8, 8 but less than 10, 10 to 12, more than 12

District. Five reports are produced for each district: 1) District Report, 2) District Skills Report, 3) Analysis by Variables Report, 4) District Summary Report and 5) Frequency Distribution of Percentiles. The District Report and District Skills Report parallel those described in the previous sections except that score averages are listed by school. The Analysis by Variables Report provides a districtwide analysis of each variable by grade. The Frequency Distribution of Percentiles displays the cumulative percentage of Arizona pupils achieving at each national percentile rank.

The District Summary Report displays the district's score averages by subtest and subject together with the county, state and national averages.

County. Five reports are produced for each county. These are similar to those described in the District section above except that district data are aggregated to their respective county level.

State. Five reports are also produced for the state. Once again, these reports are similar to the district report descriptions given above but with district data aggregated to the state level.

DESCRIPTION OF REPORTED SCORES

Four types of scores are used to report the test results presented in this Statewide Report: 1) scale score, 2) grade equivalent, 3) percentile rank and 4) stanine. Scale scores and grade equivalents are examples of **developmental** scores, while stanines and percentile ranks are examples of **status** scores.

Scale Scores. The Developmental Standard Scores (DSS) for ITBS and TAP generally range from approximately 1 to 300. They are continuous across all levels and forms of a specific test. Since they are built on equal-interval scales, the magnitude of a given difference between two scores represents the same amount of difference in performance wherever it occurs on the scale (i.e., the difference between DSS scores of 50 and 55 represents the same amount of difference as between scale scores of 160 and 165). When using scale scores one should expect higher scores as well as greater variability among scores from grade to grade. It is important to point out that while DSS scores are equivalent across forms and levels of the same test or subtest they are *not* equivalent from one subject area to another. One may compare scale scores for Reading Comprehension from grade 9 to grade 10 but should not compare scale scores for Reading Comprehension to those for Written Expression. The DSS score for ITBS and TAP are linked to form continuous scales for grades K-12 as follows:

ITBS Reading Comprehension (Levels 7-14) and TAP Reading Comprehension (Levels 15-18)
ITBS Language Total (Levels 7-14) and TAP Written Expression (Levels 15-18)
ITBS Mathematics Total (Levels 7-14) and TAP Mathematics (Levels 15-18)
ITBS Work-Study Total (Levels 7-14) and TAP Using Sources of Information (Levels 15-18)
ITBS Complete Composite (Levels 7-14) and TAP Basic Composite (Levels 15-18)

The major use of scales scores is for measuring achievement growth from grade to grade or year to year.

Grade Equivalents. A grade equivalent (GE) represents the typical performance of students tested in a given month of the school year. For example, a grade equivalent of 53 represents the score achieved by the median pupil in fifth grade after three months of instruction. On the ITBS, GEs range from P0 (prekindergarten) to 139. GEs on the TAP extend above 139. These extensions should be considered similar to a scale score, which permits growth comparisons to be made, rather than as representative of a median level of instruction.

The GE should be regarded as an estimate of where a pupil is along a developmental continuum but *not* where the pupil should be placed in the graded organization of the school. For example, a third grader taking a third-grade mathematics test might earn a GE of 59. This means that this third-grade pupil scored as well as an average pupil in the ninth month of the fifth grade would score on the third-grade test. This score is above average for third grade but does not mean that the pupil can do fifth-grade work.

Percentile Ranks. A percentile rank (PR) indicates a pupil's status relative to other students in a defined norm group. They range from 1 to 99 and give the percentage of pupils in the norm group who achieve lower scores. Thus, if a pupil receives a PR of 63 it means that sixty-three percent of the pupils in the norm group scored lower than this particular pupil. PRs have no interpretative meaning in themselves. They must always be used in conjunction with the norm group (most often this is the group of pupils in a given grade that were part of the national standardization group). Percentile ranks are not built on equal interval scales and so the difference between PRs of 10 and 15 is not the same as the difference between PRs of 50 and 55 in terms of pupil ability. Another way of saying this is that the PR scale is nonlinear. For example, a DSS of 130 may be associated with a PR of 17 while a DSS of 140 on the same test may be associated with a PR of 20 (10 points difference on DSS = 3 points difference on PR). Furthermore, a DSS of 120 may be associated with a PR of 63 while a DSS of 130 on the same test may be associated with a PR of 80 (10 points difference on SS = 17 points difference of PR).

Two types of percentile ranks are reported for grades 1-12 for the 1990 Arizona Pupil Achievement Testing Program. Individual percentile ranks were reported for individual pupils on class lists returned to the schools. They are also used for the group data (sex, primary language, racial/ethnic, etc.) reported for analyses by variables. Both individual and group percentile ranks were reported for class, building and district summaries returned to school districts. Group percentile ranks are used to report total state achievement summaries and comparisons with national averages.

Individual PRs are developed from the distribution of individual pupil scores in the standardization samples. Group PRs, as the name implies, are derived from the distributions of averages of schools in the standardization sample. While the interpretation of these types of PRs is the same they have different characteristics. This is due to the fact that distributions of averages are much less variable than distributions of individual scores.

Simply stated, this means that no building average is as low as the lowest scoring pupil nor as high as the highest scoring pupil. When individual PRs are used with building averages they will tend to range from 15 to 85. However, when building PRs are used with building averages the range is from 1 to 99. The relationship between pupil and building percentile ranks is shown in the table that follows (data in table is based on Reading Comprehension, Grade 6, ITBS Spring Norms).

Pupil or Average GE Score	Pupil PR	Building PR
103	97	99
83	79	93
73	60	65
68	50	43
63	40	23
53	22	4
43	8	1

Stanines. Stanines are normalized standard scores with a mean of 5, a standard deviation of 2 and range from 1 to 9. Stanines may be regarded as rather broad groupings of percentile ranks as shown in the table that follows.

Percentile Ranks	Stanine
96 and up	9
89-95	8
77-88	7
60-76	6
40-59	5
23-39	4
11-22	3
4-10	2
less than 4	1

Unlike PRs, stanines are approximately equal-interval scores. This means that the difference between stanines 2 and 4 represents about the same difference in ability as the difference between stanines 5 and 7. This property allows stanines to identify broad performance categories as follows: stanines 1, 2 and 3 indicate below average performance; stanines 4, 5 and 6 indicate average performance; and stanines 7, 8 and 9 represent above average performance.

SUMMARY OF STATEWIDE PERFORMANCE ACROSS GRADES

The ITBS and TAP are used in the Arizona Pupil Achievement Testing Program. The ITBS is used for grades 1-8 and TAP is used in grades 9-12.

The norms for ITBS and TAP are based on national pupil performance in the 1987-88 school year.

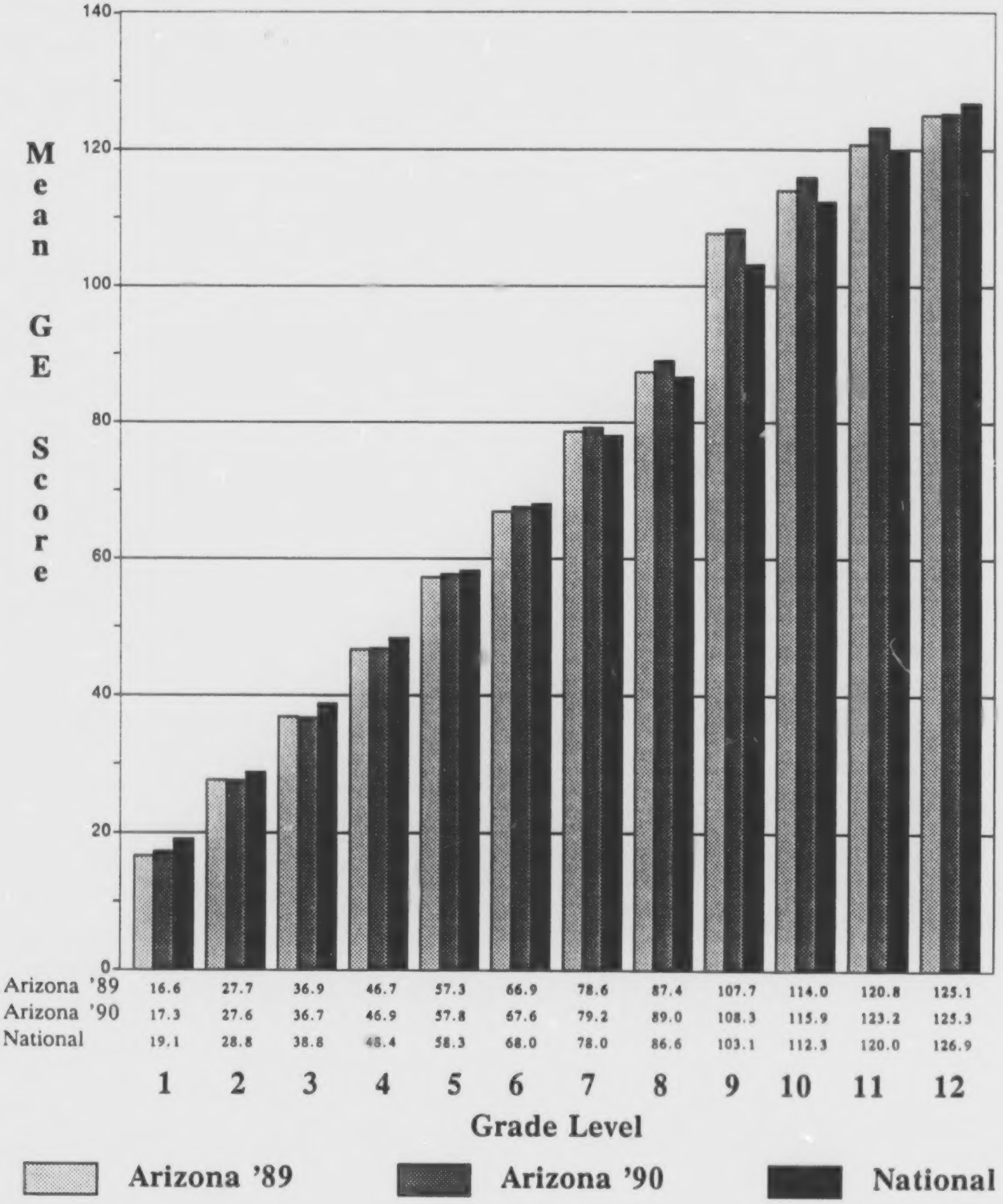
The 1990 Comparisons of Grades 1 through 12 with National Norms. When comparing Arizona average scores with national norm group scores, remember that small score differences may not always indicate meaningful achievement level differences. For example, the degree of variability in the scores at any given grade level has a large impact on the interpretation placed on small score differences observed within that grade.

Figures 1, 2 and 3 graphically compare Arizona statewide averages for 1989 and 1990 with averages obtained by the national standardization group for the ITBS and TAP. The figures show the average grade equivalents by grade for the Arizona and national groups for Reading, Language and Mathematics skills.

It should also be remembered that the scores for grades 2-11 are based on census testing. Scores in grades 1 and 12 are based on scores from tests administered to representative samples of Arizona pupils in those grades.

Figure 1.

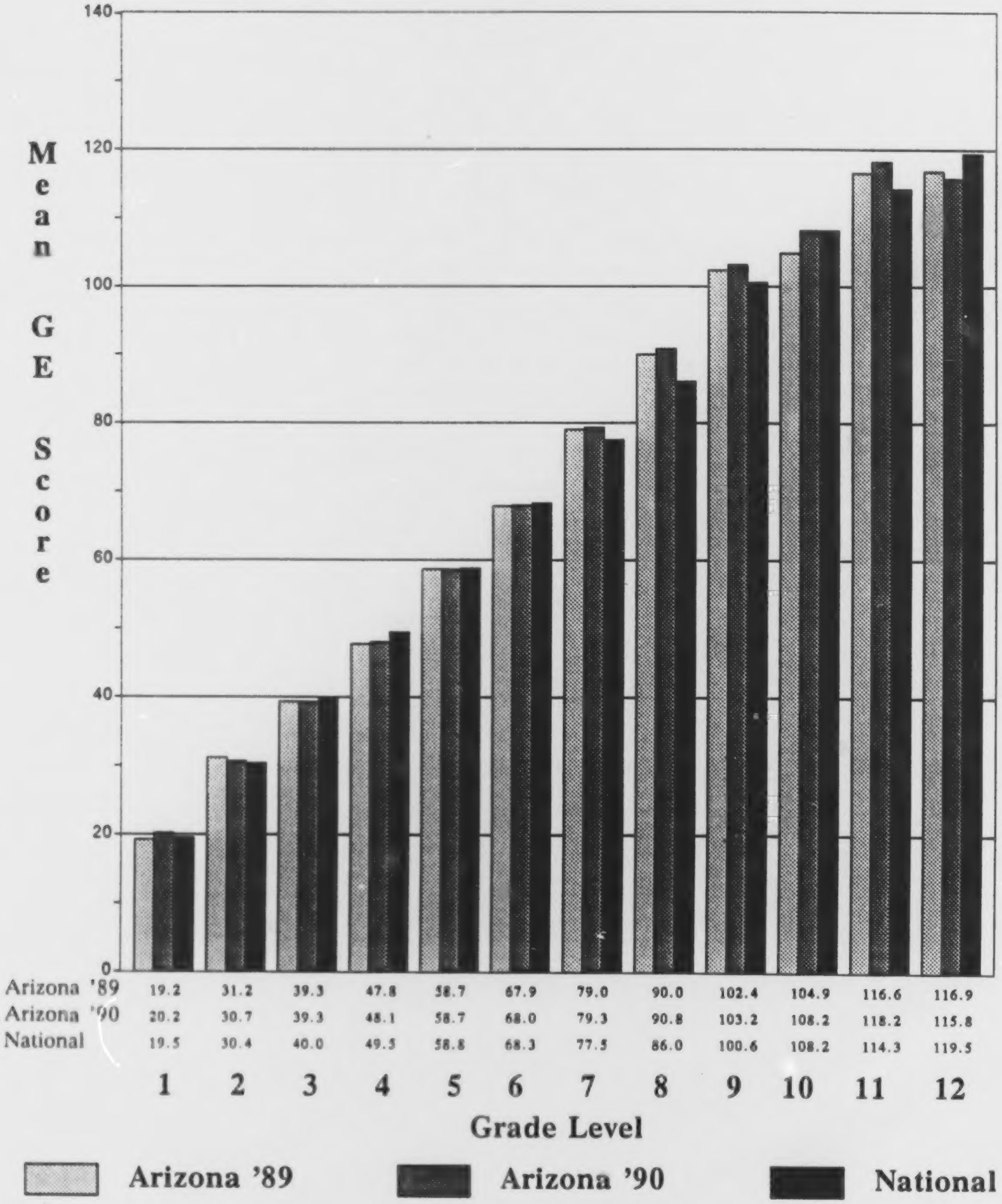
Reading: Mean Grade Equivalent Scores for Arizona Grade 1–12 Pupils and ITBS/TAP Norm Group in the Eighth Month of School



	1	2	3	4	5	6	7	8	9	10	11	12
Arizona '89	16.6	27.7	36.9	46.7	57.3	66.9	78.6	87.4	107.7	114.0	120.8	125.1
Arizona '90	17.3	27.6	36.7	46.9	57.8	67.6	79.2	89.0	108.3	115.9	123.2	125.3
National	19.1	28.8	38.8	48.4	58.3	68.0	78.0	86.6	103.1	112.3	120.0	126.9

Figure 2.

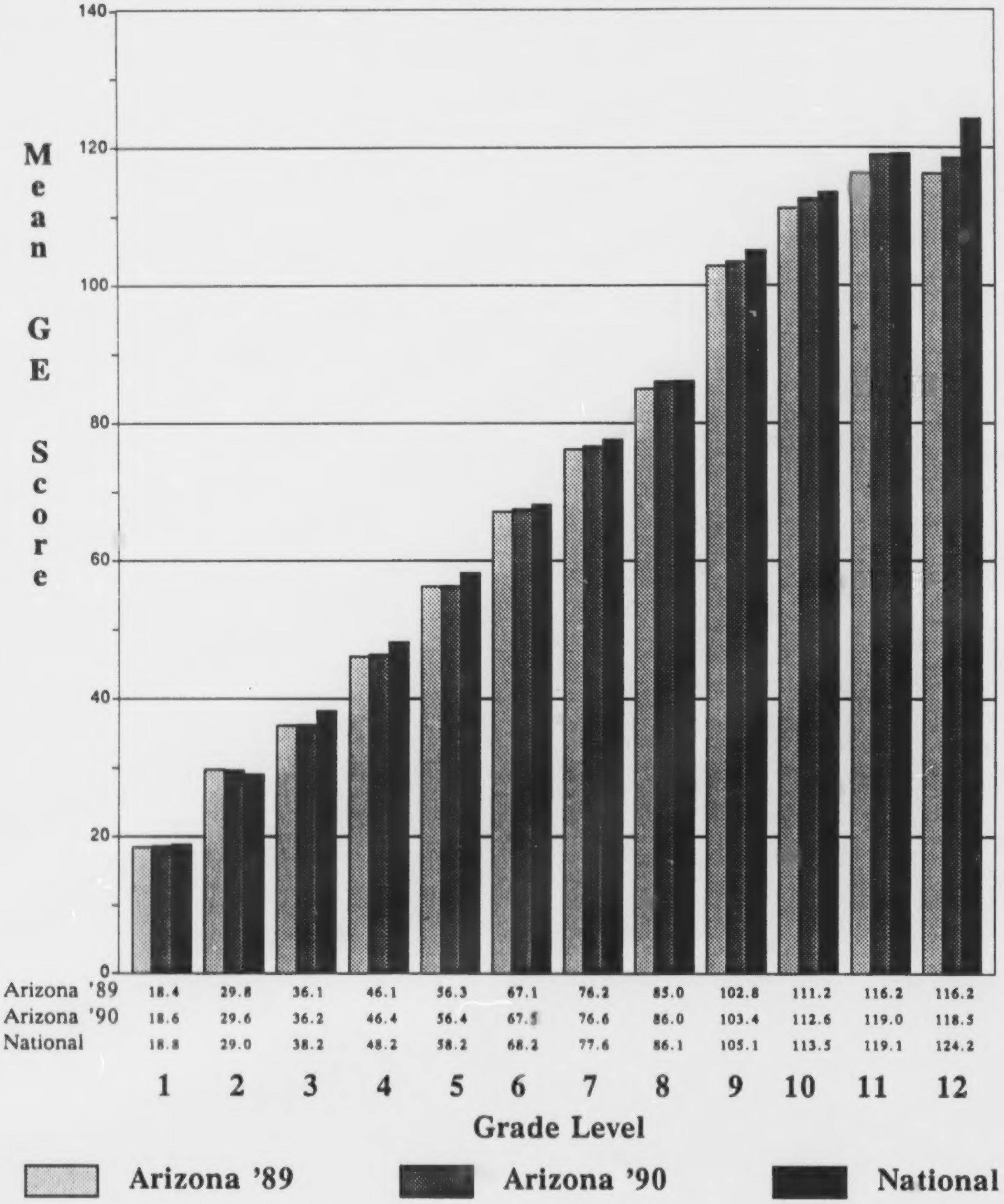
Language: Mean Grade Equivalent Scores for Arizona Grade 1–12 Pupils and ITBS/TAP Norm Group in the Eighth Month of School



	1	2	3	4	5	6	7	8	9	10	11	12
Arizona '89	19.2	31.2	39.3	47.8	58.7	67.9	79.0	90.0	102.4	104.9	116.6	116.9
Arizona '90	20.2	30.7	39.3	48.1	58.7	68.0	79.3	90.8	103.2	108.2	118.2	115.8
National	19.5	30.4	40.0	49.5	58.8	68.3	77.5	86.0	100.6	108.2	114.3	119.5

Figure 3.

Total Mathematics: Mean Grade Equivalent Scores for Arizona Grade 1–12 Pupils and ITBS/TAP Norm Group in the Eighth Month of School



	1	2	3	4	5	6	7	8	9	10	11	12
Arizona '89	18.4	29.8	36.1	46.1	56.3	67.1	76.2	85.0	102.8	111.2	116.2	116.2
Arizona '90	18.6	29.6	36.2	46.4	56.4	67.5	76.6	86.0	103.4	112.6	119.0	118.5
National	18.8	29.0	38.2	48.2	58.2	68.2	77.6	86.1	105.1	113.5	119.1	124.2

Arizona reading performance is shown to be slightly above the national average in grades seven through eleven, and below average in grades one through six and grade 12. In the language area, Arizona pupils obtained average scores at or above the national average in grades 1, 2, and 7-11. State average mathematics scores were below the national average except for grades 2 and 5. As suggested earlier, slight differences between state and national grade-equivalent averages should not be over-interpreted as indicators of strengths and weaknesses.

A review of Arizona's average stanines provides a broader measure of pupil performance within the state. A total of 144 score averages were obtained on tests, totals, and composites across the twelve grades tested. Arizona pupils obtained an average stanine of 5 on 142 (98.6%) of these scores and an average stanine of 4 and 6 on 1 (0.7%) scores each.

EXEMPTIONS FROM STATEWIDE TESTING

Conditions under which pupils may be exempted from the statewide testing program are specified in Arizona Revised Statutes Section 15-744. Pupils who are non-English monolingual or predominantly speakers of a language other than English may be exempted for up to three years. Second, students who are classified as handicapped may be exempted under the following classifications: trainable mentally handicapped, educable mentally handicapped, visually handicapped, hearing handicapped, multiple handicapped, or seriously emotionally handicapped. Third, learning disabled pupils may be exempted if their individual educational plans state parts or all of the testing requirement would be detrimental to the pupil. Finally, pupils not required to attend regular classes in a school as provided in the Arizona Statutes may be exempted.

In order to qualify pupils who are non-English monolingual or predominantly speakers of a language other than English for second-year and/or third-year statewide testing exemption, the districts must submit to the Department of Education: 1) a description of the native language instructional program provided such pupils; 2) a copy of the alternative testing instrument (criterion-referenced or norm -referenced) and the degree to which it parallels skills tested in the state-mandated testing program; and 3) a summary report of test results achieved on the alternative test.

School districts shall annually report the number of pupils by category and by grade level which were exempt as provided in this section to the department of education. The department shall include this information in their annual report to the legislature pursuant to section 15-743.

At the request of a pupil's parent or guardian, the governing board of a school district shall administer any test required by this article to pupils exempted from the testing requirement pursuant to this section. Test results for these pupils shall not be included in the summary results of tests prescribed in Section 15-743, but individual results shall be sent to the school and to the parent or guardian.

In 1990, a total of 8,261 pupils who are non-English monolingual or predominantly speakers of a language other than English were exempted from the statewide testing program. ① The primary language of 94.2 percent of these pupils is Spanish. Twenty-six districts exempted a total of 1,366 pupils for the second year. These pupils were in grades two through eleven. Additionally, sixteen districts exempted a total of 701 pupils for the third year. These pupils were in grades three through eleven except for 70 second grade pupils who were retained. All of the pupils exempted for the second year and third year are in the Spanish primary language group and received instruction in Spanish during the 1989-90 school year.

The districts exempting students for the second and/or third year administered one or more of the following alternative assessment instruments: the Spanish version of the Comprehensive Tests of Basic Skills (CTBS Espanol); the La Prueba Riverside de Realizacion en Espanol; the Spanish Assessment of Basic Education (SABE); or criterion-referenced tests. The skills objectives of the criterion-referenced tests used closely match the skills objectives of the state-mandated tests. The CTBS Espanol, La Prueba, and SABE skills assessed also approximate those of the state-mandated tests.

Of the second-year exempted pupils, 64.0 percent were in the second and third grades. Fifty-eight percent of the third-year exempted pupils were in the third and fourth grades. The numbers of first, second and third year exempted pupils are provided in the table that follows.

Table 3 also lists the number of pupils in the other categories, by grade level, who were exempted from the testing requirement.

① This was an increase of 706 (8.5%) over the number exempted in 1989.

Table 3

Number of Exempted Pupils

Category	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Ungr. Elem.	Grade 9	Grade 10	Grade 11	Ungr. HS	Total
Language	1,845	1,493	870	753	695	730	530		695	489	161		8,261
1st Year-Spanish	1,282	705	641	496	506	610	395		559	408	115		5,717
1st Year-Other	50	44	28	47	44	44	23		107	52	38		477
2nd Year-Spanish	443	431	107	110	86	59	87		13	26	4		1,366
3rd Year-Spanish	70	13	94	100	59	17	25		16	3	4		701
Handicapped	379	413	445	387	389	343	361	1,621	481	360	334	359	5,872
Trainable Mentally	27	37	53	30	36	29	28	388	41	30	83	188	970
Educable Mentally	177	195	196	167	179	176	195	694	268	195	164	97	2,703
Visually	20	20	12	8	10	6	10	28	6	4	2	0	126
Hearing	36	32	26	17	16	11	13	12	14	7	13	2	199
Multiple	34	33	34	26	18	9	10	198	36	43	27	54	522
Seriously Emotionally	85	96	124	139	130	112	105	301	116	81	45	18	1,352
Learning Disabled/Detrimental	871	1,047	996	981	946	951	818	240	417	324	278	109	7,978
Not Required to Attend Regular Classes	10	11	11	16	13	5	3	63	21	10	19	7	189

SUMMARY OF STATEWIDE ACHIEVEMENT BY GRADE

The sections that follow are grade-by-grade discussions of student performance for Arizona grades 1-12. These discussions are focused on three categories of comparisons:

- Strengths and weaknesses as indicated by scores based on norms for individual pupils for tests that were administered.
- Gains in 1990 scores as compared to 1989 scores for each grade level.
- Growth in scores for 1990 grade groups as compared with the groups' performance at the preceding grade levels in 1989.

These discussions are augmented by the presentation of two graphs and three tables for each grade level.

The graphs show comparisons of:

- 1989 and 1990 Arizona average percentile ranks compared to the averages for the national norms group.
- Arizona average percentile ranks for each 1990 group compared to their percentile ranks in the preceding grade in 1989.

The tables report

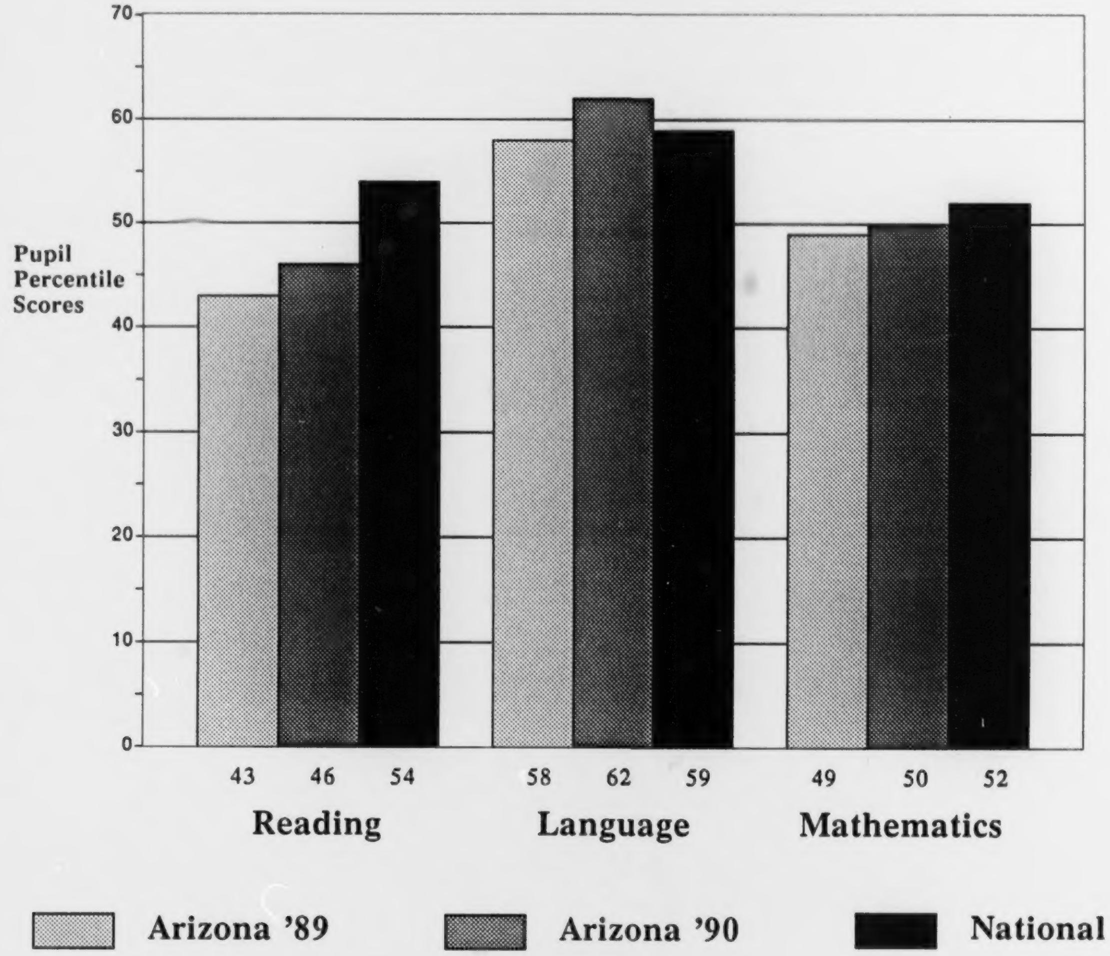
- Average scores for the 1990 Arizona grade groups and the national norms group using national percentile ranks for individual pupils.
- Average scores for the 1990 Arizona grade groups and the national norms group using national percentile ranks for groups (schools).
- Analysis of scores by group variables: sex, primary language, and race/ethnicity. These tables are presented for grades 2-11 only, where all pupils were tested.

GRADE 1

Strengths and Weaknesses. The scores for grade 1 were based on a representative sample of Arizona first graders. These scores were at or above the national average on the Listening, Word Analysis, Capitalization, Punctuation, Usage and Expression and Reference Materials tests. The average grade-equivalent scores ranged from 17.3 on Reading Comprehension to 22.7 on Usage and Expression. The national percentile ranks for these averages ranged from 46 to 67, with a median of 51. The average scores exceeded the national median on seven of thirteen tests administered.

Achievement Gain. As shown in Figure 4, scores obtained by the 1990 first-grade sample exceeded those obtained by the 1989 first-grade sample in each of the three areas of Reading, Language, and Mathematics. The largest increases in percentile ranks of the average scores occurred in Language (four percentile points) and Reading (3 percentile points). The gain in Mathematics was one percentile point. The percentile rank for Language was above the national average.

Figure 4.
1990 Achievement Gain for Grade One



Achievement Growth. Achievement growth comparisons cannot be made for first graders since they were not tested as part of the Arizona Pupil Achievement Testing program in 1989 when they were in kindergarten.

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Table 4
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES
GRADE ONE (INDIVIDUAL NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Listening	18.6	51	5	22.3	67	6
Word Analysis	19.3	53	5	19.8	55	5
Vocabulary	18.1	50	5	17.8	50	5
Reading Comprehension	19.1	54	5	17.3	46	5
Spelling	19.0	55	5	17.5	49	5
Capitalization	18.9	55	5	19.6	58	5
Punctuation	19.8	58	5	20.8	61	5
Usage and Expression	20.7	54	5	22.7	59	5
Language Skills - Total	19.5	59	5	20.2	62	5
Visual Materials	18.6	51	5	18.1	48	5
Reference Materials	18.6	52	5	18.9	54	5
Work-Study Skills - Total	18.7	52	5	18.5	51	5
Mathematics Concepts	19.5	52	5	19.0	50	5
Mathematics Problem Solving	18.3	51	5	18.2	51	5
Mathematics Computation	18.7	51	5	18.5	50	5
Mathematics Skills - Total	18.8	52	5	18.6	50	5
Composite - Complete	18.9	52	5	19.3	54	5

[a] Percentile ranks are for individuals. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 5
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE ONE (GROUP NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Listening	18.6	46	5	22.3	74	6
Word Analysis	19.3	46	5	19.8	50	5
Vocabulary	18.1	44	5	17.8	41	5
Reading Comprehension	19.1	49	5	17.3	34	4
Spelling	19.0	61	6	17.5	52	5
Capitalization	18.9	53	5	19.6	60	6
Punctuation	19.8	55	5	20.8	61	6
Usage and Expression	20.7	54	5	22.7	69	6
Language Skills - Total	19.5	53	5	20.2	60	6
Visual Materials	18.6	46	5	18.1	42	5
Reference Materials	18.6	44	5	18.9	47	5
Work-Study Skills - Total	18.7	48	5	18.5	46	5
Mathematics Concepts	19.5	46	5	19.0	42	5
Mathematics Problem Solving	18.3	42	5	18.2	41	5
Mathematics Computation	18.7	54	5	18.5	51	5
Mathematics Skills - Total	18.8	51	5	18.6	49	5
Composite - Complete	18.9	46	5	19.3	50	5

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[a] Percentile ranks are for group averages. Percentile ranks for national values have been interpolated.

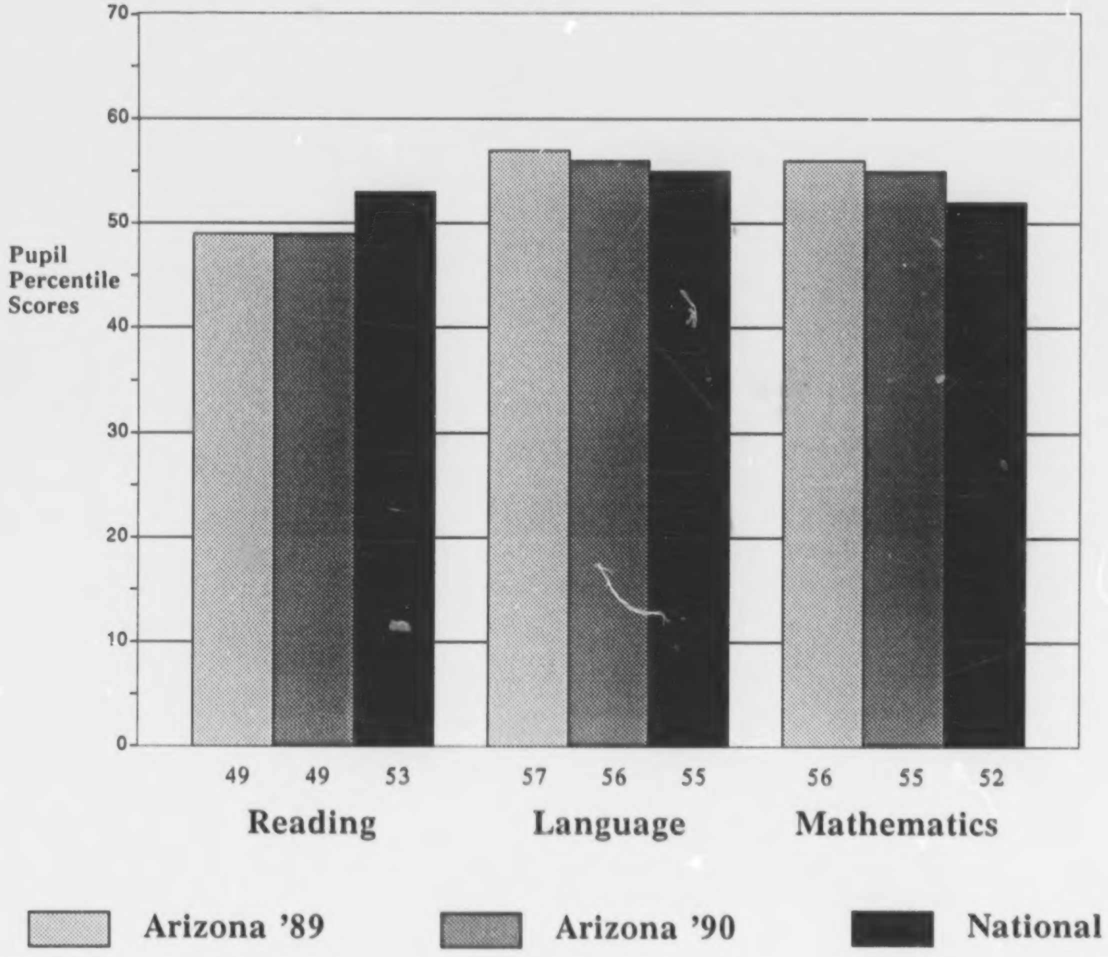
[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

GRADE 2

Strengths and Weaknesses. Second-grade pupils in Arizona performed at average or above-average levels on the Word Analysis, Capitalization, Punctuation, Usage and Expression, Mathematics Concepts and Mathematics Computation tests. Average grade equivalents for this group ranged from 27.6 in Reading Comprehension to 32.3 in Punctuation. National percentile ranks for these grade-equivalent averages were between 46 and 60, with a median of 49. The second-grade group scores were at or above the national median on 6 of the 13 tests administered.

Achievement Gain. The 1990 percentile ranks of average second-grade grade-equivalent scores showed little change from those obtained in 1989. As shown in Figure 5, the 1990 percentile ranks for Language and Mathematics are one less than the 1989 scores, but both remain above the national average. The 1990 Reading percentile rank remained the same as in 1989.

Figure 5.
1990 Achievement Gain for Grade Two



Achievement Growth. Scores for the group of Arizona second graders tested in 1990 are compared in Figure 6 to the scores obtained by the representative sample of first-graders tested in 1989. 1990 percentile ranks of average scores increased substantially by six points in both Reading and Mathematics, while a modest 2-point decrease was registered for Language.

Figure 6.
1989 and 1990 Percentile-Rank Averages for the
1990 Grade 2 Group

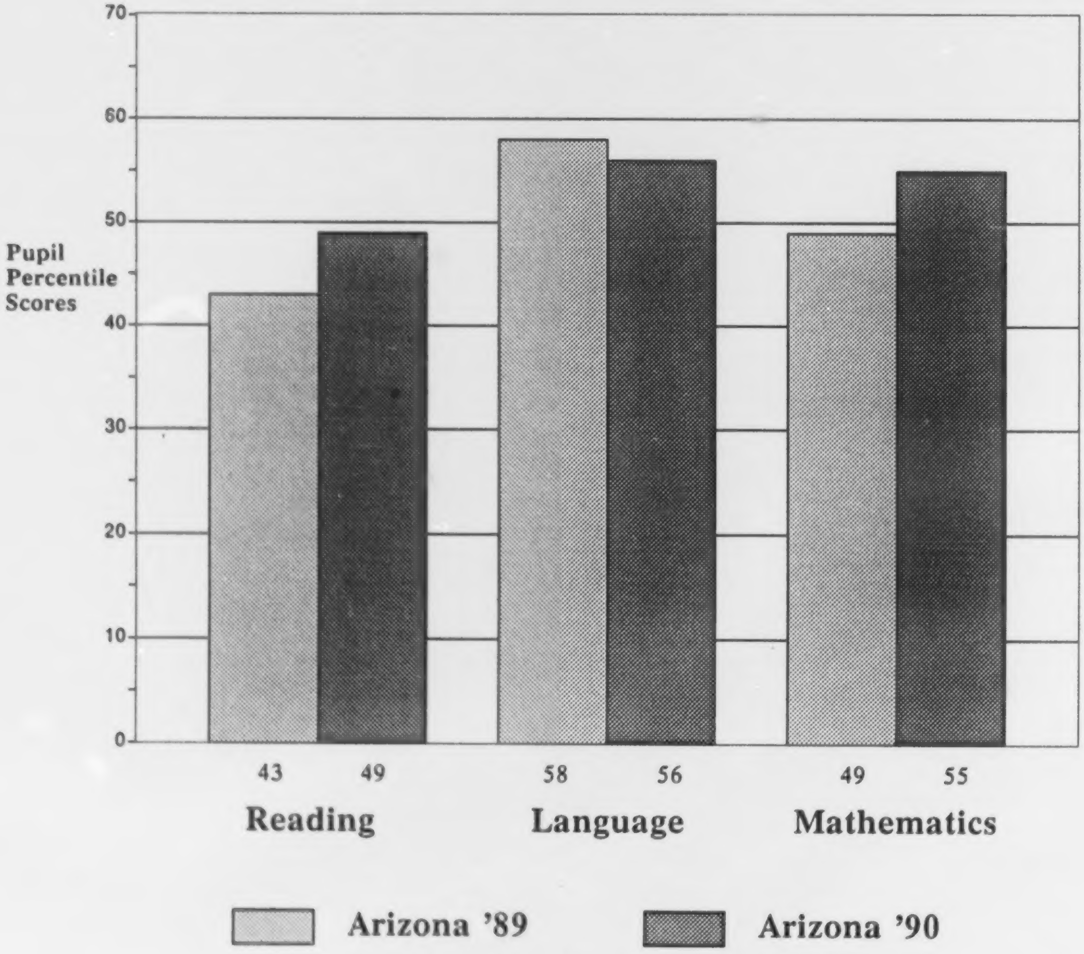


Table 6
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES
GRADE TWO (INDIVIDUAL NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Listening	29.3	50	5	29.0	49	5
Word Analysis	29.9	52	5	30.4	53	5
Vocabulary	28.9	50	5	27.9	46	5
Reading Comprehension	28.8	53	5	27.6	49	5
Spelling	29.4	55	5	27.7	49	5
Capitalization	29.9	53	5	30.9	56	5
Punctuation	31.2	57	5	32.3	60	5
Usage and Expression	30.7	52	5	31.8	55	5
Language Skills - Total	30.4	55	5	30.7	56	5
Visual Materials	28.7	50	5	28.0	48	5
Reference Materials	28.7	50	5	28.5	49	5
Work-Study Skills - Total	28.4	50	5	28.3	50	5
Mathematics Concepts	29.5	52	5	30.2	55	5
Mathematics Problem Solving	28.3	49	5	28.2	49	5
Mathematics Computation	29.1	51	5	30.4	58	5
Mathematics Skills - Total	29.0	52	5	29.6	55	5
Composite - Complete	29.0	52	5	29.2	53	5

[a] Percentile ranks are for individuals. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 7
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES
GRADE TWO (GROUP NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Listening	29.3	47	5	29.0	45	5
Word Analysis	29.9	46	5	30.4	49	5
Vocabulary	28.9	48	5	27.9	42	5
Reading Comprehension	28.8	46	5	27.6	38	4
Spelling	29.4	50	5	27.7	38	4
Capitalization	29.9	50	5	30.9	57	5
Punctuation	31.2	55	5	32.3	63	6
Usage and Expression	30.7	53	5	31.8	59	5
Language Skills - Total	30.4	52	5	30.7	55	5
Visual Materials	28.7	46	5	28.0	42	5
Reference Materials	28.7	47	5	28.5	45	5
Work-Study Skills - Total	28.4	44	5	28.3	44	5
Mathematics Concepts	29.5	47	5	30.2	51	5
Mathematics Problem Solving	28.3	43	5	28.2	43	5
Mathematics Computation	29.1	53	5	30.4	70	6
Mathematics Skills - Total	29.0	52	5	29.6	58	5
Composite - Complete	29.0	47	5	29.2	48	5

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[a] Percentile ranks are for group averages. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 8
ANALYSIS BY VARIABLES
GRADE TWO

	READING COMPREHENSION				TOTAL LANGUAGE				TOTAL MATHEMATICS			
	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]
Sex												
Male	25,015	50.3	27	48	24,675	50.2	29	52	24,750	50.4	30	57
Female	24,386	49.0	28	51	24,102	49.1	32	60	24,009	48.9	29	53
No Response	336	0.7	26	44	329	0.7	29	51	335	0.7	29	50
Primary Language												
English	42,702	85.9	29	53	42,198	85.9	32	58	42,149	85.9	30	58
Spanish	3,449	6.9	21	24	3,403	6.9	25	35	3,426	7.0	25	35
Spanish exclusively	109	0.2	17	13	103	0.2	21	23	108	0.2	23	25
Navajo	1,115	2.2	17	15	1,107	2.3	22	26	1,107	2.3	23	25
Navajo exclusively	77	0.2	16	12	77	0.2	21	20	76	0.2	25	32
Other	599	1.2	22	29	591	1.2	26	41	588	1.2	27	41
Other exclusively	18	0.0	22	28	18	0.0	29	50	18	0.0	29	53
No Response	1,668	3.4	27	45	1,609	3.3	30	52	1,622	3.3	30	55
Racial/Ethnic												
White	31,308	62.9	30	58	30,997	63.1	33	63	30,958	63.1	31	63
Black	2,064	4.1	23	33	2,021	4.1	27	44	2,024	4.1	26	38
Hispanic	10,729	21.6	23	32	10,561	21.5	27	42	10,566	21.5	27	41
American Indian or Alaskan	3,253	6.5	20	22	3,209	6.5	24	31	3,213	6.5	25	31
Asian or Pacific Islander	716	1.4	29	53	708	1.4	34	65	711	1.4	32	64
No Response	1,667	3.4	27	47	1,610	3.3	30	54	1,622	3.3	30	55

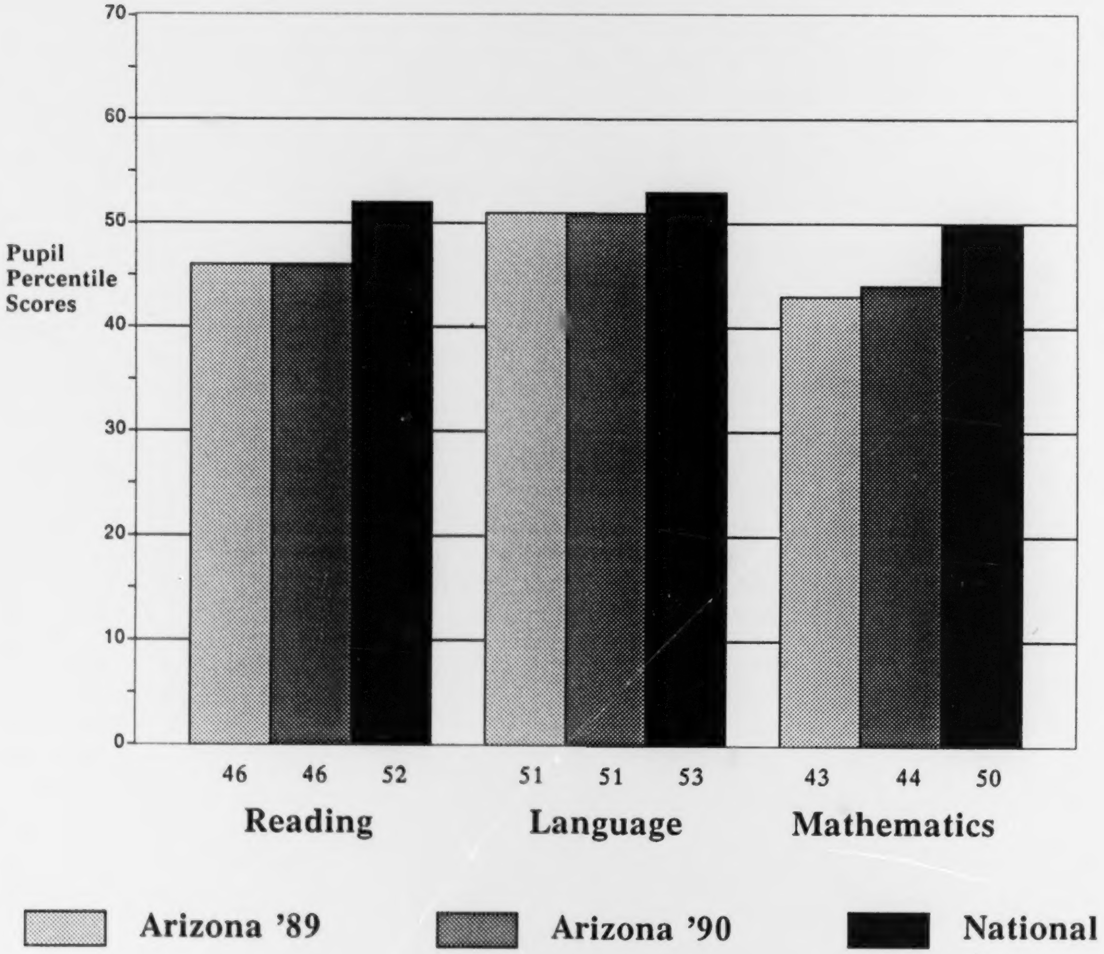
[a] Based on individual norms.

GRADE 3

Strengths and Weaknesses. An above-average grade equivalent was obtained by Arizona third graders on the Capitalization test. Their grade-equivalent averages ranged from 33.5 on Reference Materials to 41.1 on Capitalization. National percentile ranks for these grade-equivalent averages ranged from 36 to 56, with the median at 46. Average scores above the national median were obtained on Capitalization and Punctuation.

Achievement Gain. Figure 7 shows that the 1990 pattern of grade-three percentile ranks for average scores showed little change from 1989 averages. The percentile-rank averages for Reading Comprehension and Language remained constant, while a one-point gain was observed for Mathematics.

Figure 7.
1990 Achievement Gain for Grade Three



Achievement Growth. Arizona's 1990 third-grade group consists primarily of pupils who were in the second grade in 1989. As shown in Figure 8, the national percentile ranks for average grade-equivalents are lower in 1990 than they were in 1989 for each of the three major achievement areas that were measured. The greatest difference occurred in Mathematics. A substantial difference occurred in Language, while, the drop in Reading Comprehension was relatively modest.

Figure 8.
1989 and 1990 Percentile-Rank Averages for the 1990 Grade 3 Group

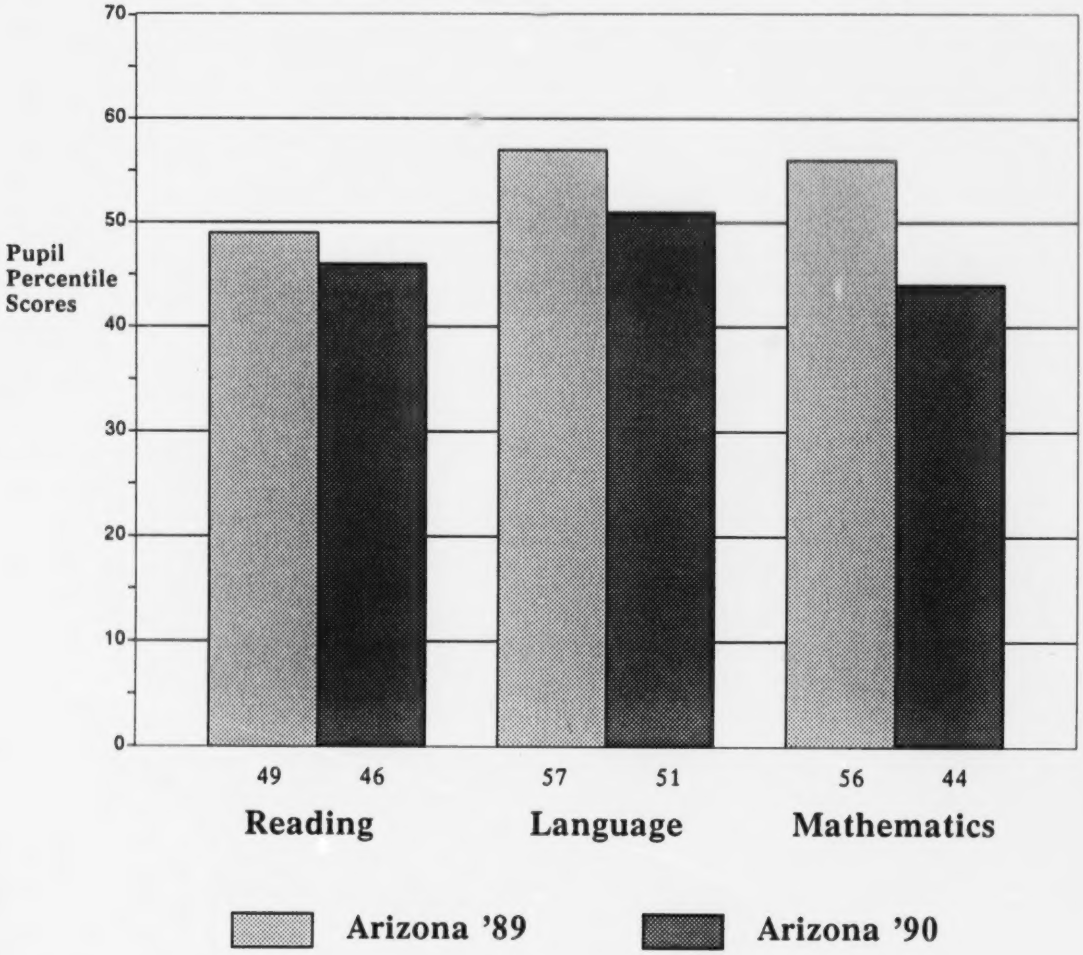


Table 9
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE THREE (INDIVIDUAL NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	38.4	50	5	37.0	45	5
Reading Comprehension	38.8	52	5	36.7	46	5
Spelling	39.2	53	5	37.5	48	5
Capitalization	39.6	52	5	41.1	56	5
Punctuation	40.9	54	5	40.8	53	5
Usage and Expression	39.8	51	5	37.7	47	5
Language Skills - Total	40.0	53	5	39.3	51	5
Visual Materials	38.5	50	5	38.2	49	5
Reference Materials	38.2	51	5	33.5	36	4
Work-Study Skills - Total	37.9	50	5	35.9	44	5
Mathematics Concepts	39.2	51	5	36.7	43	5
Mathematics Problem Solving	36.7	49	5	35.8	43	5
Mathematics Computation	28.2	52	5	36.0	41	5
Mathematics Skills - Total	38.2	50	5	36.2	44	5
Composite - Complete	38.7	52	5	37.1	46	5

[a] Percentile ranks are for individuals. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 10
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE THREE (GROUP NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	38.4	45	5	37.0	37	4
Reading Comprehension	38.8	46	5	36.7	34	4
Spelling	39.2	49	5	37.5	39	4
Capitalization	39.6	50	5	41.1	60	6
Punctuation	40.9	54	5	40.8	54	5
Usage and Expression	39.8	47	5	37.7	39	4
Language Skills - Total	40.0	50	5	39.3	46	5
Visual Materials	38.5	48	5	38.3	47	5
Reference Materials	38.2	47	5	33.6	20	3
Work-Study Skills - Total	37.9	45	5	35.9	33	4
Mathematics Concepts	39.2	47	5	36.7	30	4
Mathematics Problem Solving	36.7	43	5	35.8	31	4
Mathematics Computation	28.2	49	5	36.0	25	4
Mathematics Skills - Total	38.2	50	5	36.2	32	4
Composite - Complete	38.7	48	5	37.1	37	4

[a] Percentile ranks are for group averages. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 11
ANALYSIS BY VARIABLES
GRADE THREE

	READING COMPREHENSION				TOTAL LANGUAGE				TOTAL MATHEMATICS			
	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]
Sex												
Male	24,113	49.8	36	44	23,953	49.7	38	46	24,020	49.9	36	44
Female	23,687	48.9	37	47	23,584	49.0	41	56	23,504	48.8	36	44
No Response	629	1.3	34	37	623	1.3	37	43	634	1.3	34	35
Primary Language												
English	41,161	85.0	38	49	40,946	85.0	40	54	40,907	84.9	37	46
Spanish	3,842	7.9	29	23	3,817	7.9	33	33	3,860	8.0	32	26
Spanish exclusively	138	0.3	26	17	135	0.3	32	28	138	0.3	31	23
Navajo	884	1.8	27	18	879	1.8	32	28	880	1.8	30	18
Navajo exclusively	42	0.1	24	12	42	0.1	32	29	42	0.1	31	21
Other	610	1.3	31	29	608	1.3	35	38	611	1.3	33	32
Other exclusively	22	0.0	32	31	22	0.0	35	38	23	0.0	34	33
No Response	1,730	3.6	36	45	1,711	3.6	38	48	1,697	3.5	36	41
Racial/Ethnic												
White	30,041	62.0	40	55	29,913	62.1	42	57	28,869	62.0	38	51
Black	2,027	4.2	31	29	2,006	4.2	35	39	2,024	4.2	32	27
Hispanic	10,746	22.2	31	30	10,669	22.2	36	40	10,734	22.3	33	31
American Indian or Alaskan	3,117	6.4	29	23	3,092	6.4	33	34	3,071	6.4	31	23
Asian or Pacific Islander	704	1.5	39	54	704	1.5	44	65	703	1.5	40	59
No Response	1,794	3.7	37	45	1,776	3.7	38	48	1,757	3.6	36	41

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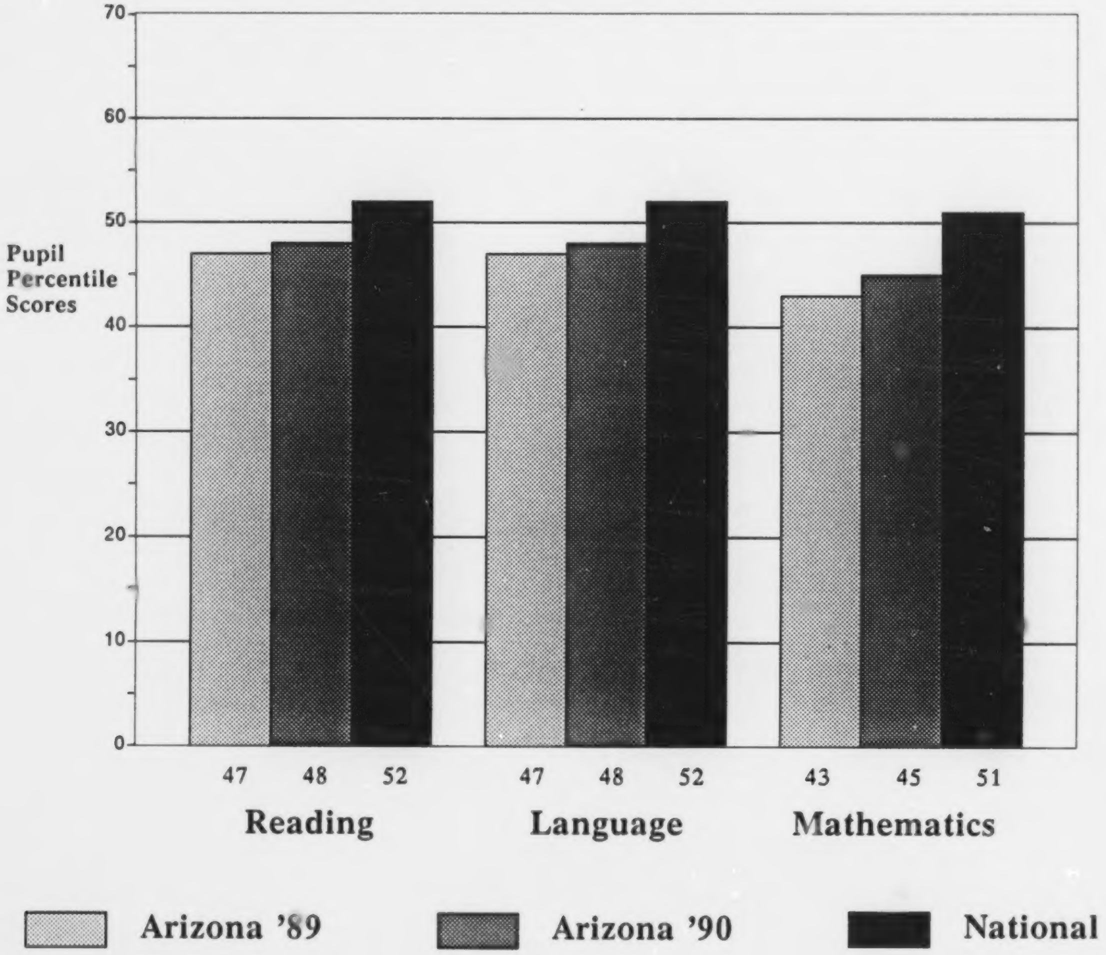
[a] Based on individual norms.

GRADE 4

Strengths and Weaknesses. Arizona fourth-grade pupils scored above the national average on the Capitalization and Visual Materials tests. Average grade equivalents ranged from 45.8 on Vocabulary, Reference Materials and Mathematics Concepts to 50.5 on Capitalization. National percentile ranks for these averages ranged from 42 to 56, with a median of 46. The average scores for Capitalization and Visual Materials were above the national median.

Achievement Gain. Modest gains in achievement were made in all three major areas from 1989 to 1990. As shown in Figure 9, one-point percentile-rank gains are reported in both Reading Comprehension and Language, while a 2-point gain is shown in Mathematics. The percentile-rank averages remained below the national average in all three areas.

Figure 9.
1990 Achievement Gain for Grade Four



Achievement Growth. The group of pupils who were in grade 3 in 1989 comprise the majority of the 1990 group of fourth graders. As shown in Figure 10, a modest 2-point growth in percentile-ranks of average Reading Comprehension and Mathematics scores was observed in 1990. A three-point drop in percentile rank was obtained in Language.

Figure 10.
1989 and 1990 Percentile-Rank Averages for the 1990 Grade 4 Group

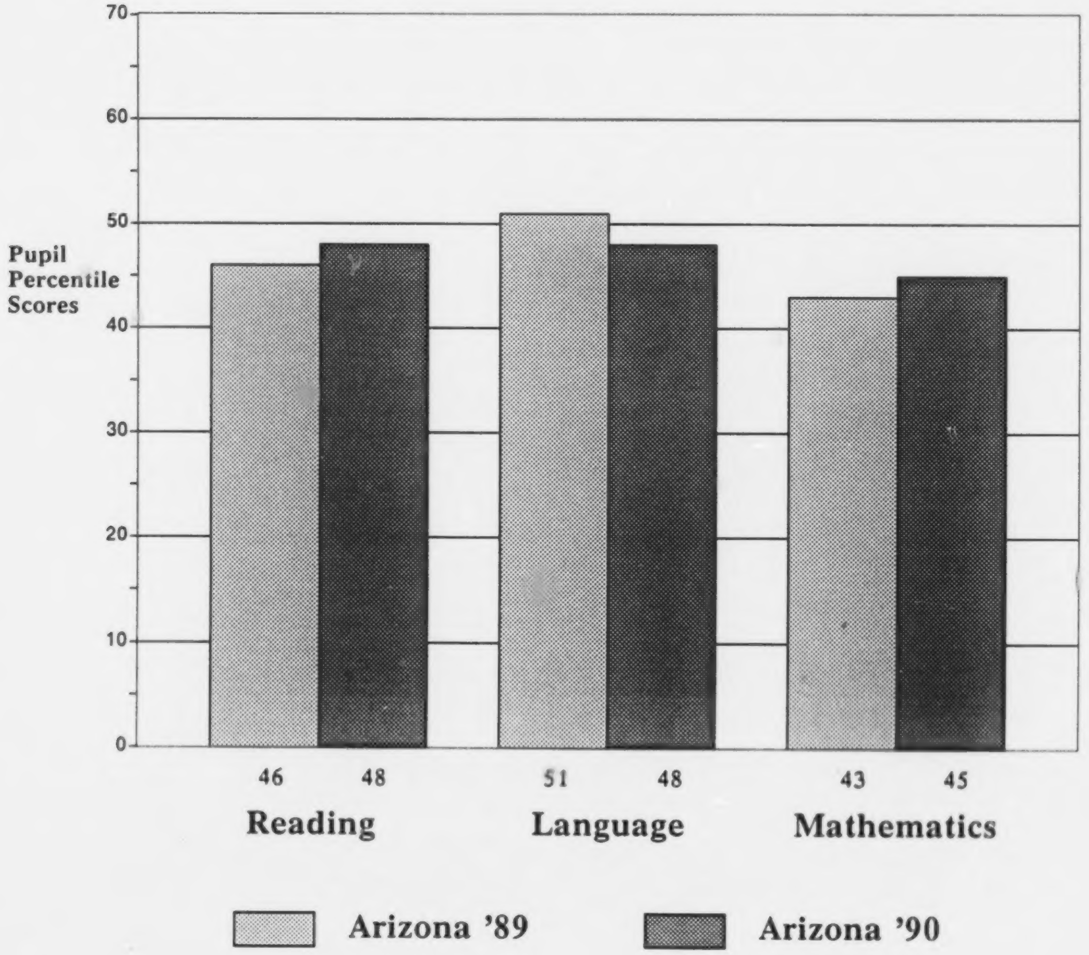


Table 12
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE FOUR (INDIVIDUAL NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	47.7	50	5	45.8	44	5
Reading Comprehension	48.4	52	5	46.9	48	5
Spelling	48.4	51	5	46.9	47	5
Capitalization	49.2	52	5	50.5	56	5
Punctuation	50.5	52	5	47.6	45	5
Usage and Expression	49.4	50	5	47.3	46	5
Language Skills - Total	49.5	52	5	48.1	48	5
Visual Materials	47.8	50	5	48.8	52	5
Reference Materials	48.0	50	5	45.8	44	5
Work-Study Skills - Total	47.7	50	5	47.3	49	5
Mathematics Concepts	49.2	52	5	45.8	42	5
Mathematics Problem Solving	47.5	48	5	45.9	44	5
Mathematics Computation	48.2	51	5	47.3	47	5
Mathematics Skills - Total	48.2	51	5	46.4	45	5
Composite - Complete	48.3	51	5	47.0	47	5

[a] Percentile ranks are for individuals. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 13
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE FOUR (GROUP NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	47.7	43	5	45.8	33	4
Reading Comprehension	48.4	45	5	46.9	37	4
Spelling	48.4	46	5	46.9	37	4
Capitalization	49.2	48	5	50.5	56	5
Punctuation	50.5	52	5	47.6	39	4
Usage and Expression	49.4	48	5	47.3	39	4
Language Skills - Total	49.5	47	5	48.1	41	5
Visual Materials	47.8	46	5	48.8	51	5
Reference Materials	48.0	46	5	45.8	34	4
Work-Study Skills - Total	47.7	45	5	47.3	43	5
Mathematics Concepts	49.2	48	5	45.8	29	4
Mathematics Problem Solving	47.5	45	5	45.9	34	4
Mathematics Computation	48.2	49	5	47.3	41	5
Mathematics Skills - Total	48.2	48	5	46.4	35	4
Composite - Complete	48.3	46	5	47.0	39	4

[a] Percentile ranks are for group averages. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 14
ANALYSIS BY VARIABLES
GRADE FOUR

	READING COMPREHENSION				TOTAL LANGUAGE				TOTAL MATHEMATICS			
	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]
Sex												
Male	24,093	50.1	46	46	23,965	50.1	46	43	24,007	50.2	46	44
Female	23,571	48.9	48	50	23,395	48.9	50	53	23,362	48.8	47	45
No Response	498	1.0	44	40	489	1.0	45	39	495	1.0	44	36
Primary Language												
English	40,549	84.3	48	52	40,343	84.3	49	51	40,326	84.3	47	47
Spanish	4,326	9.0	38	25	4,300	9.0	41	29	4,334	9.1	41	28
Spanish exclusively	237	0.5	35	20	234	0.5	35	16	237	0.5	39	21
Navajo	901	1.9	35	20	899	1.9	40	27	902	1.9	39	22
Navajo exclusively	56	0.1	34	17	56	0.1	38	22	56	0.1	36	13
Other	644	1.3	43	36	641	1.3	46	41	641	1.3	44	38
Other exclusively	30	0.1	45	42	30	0.1	49	50	30	0.1	49	52
No Response	1,359	2.8	45	44	1,346	2.8	46	42	1,338	2.8	45	40
Racial/Ethnic												
White	29,863	62.1	50	57	29,729	62.1	51	54	29,745	62.1	49	52
Black	1,910	4.0	42	34	1,893	4.0	45	39	1,889	3.9	43	32
Hispanic	11,089	23.1	41	32	11,026	23.0	44	36	11,042	23.1	43	32
American Indian or Alaskan	3,120	6.5	39	27	3,111	6.5	41	31	3,118	6.5	40	25
Asian or Pacific Islander	661	1.4	50	57	662	1.4	54	63	659	1.4	52	63
No Response	1,438	3.0	46	44	1,428	3.0	46	43	1,411	2.9	45	41

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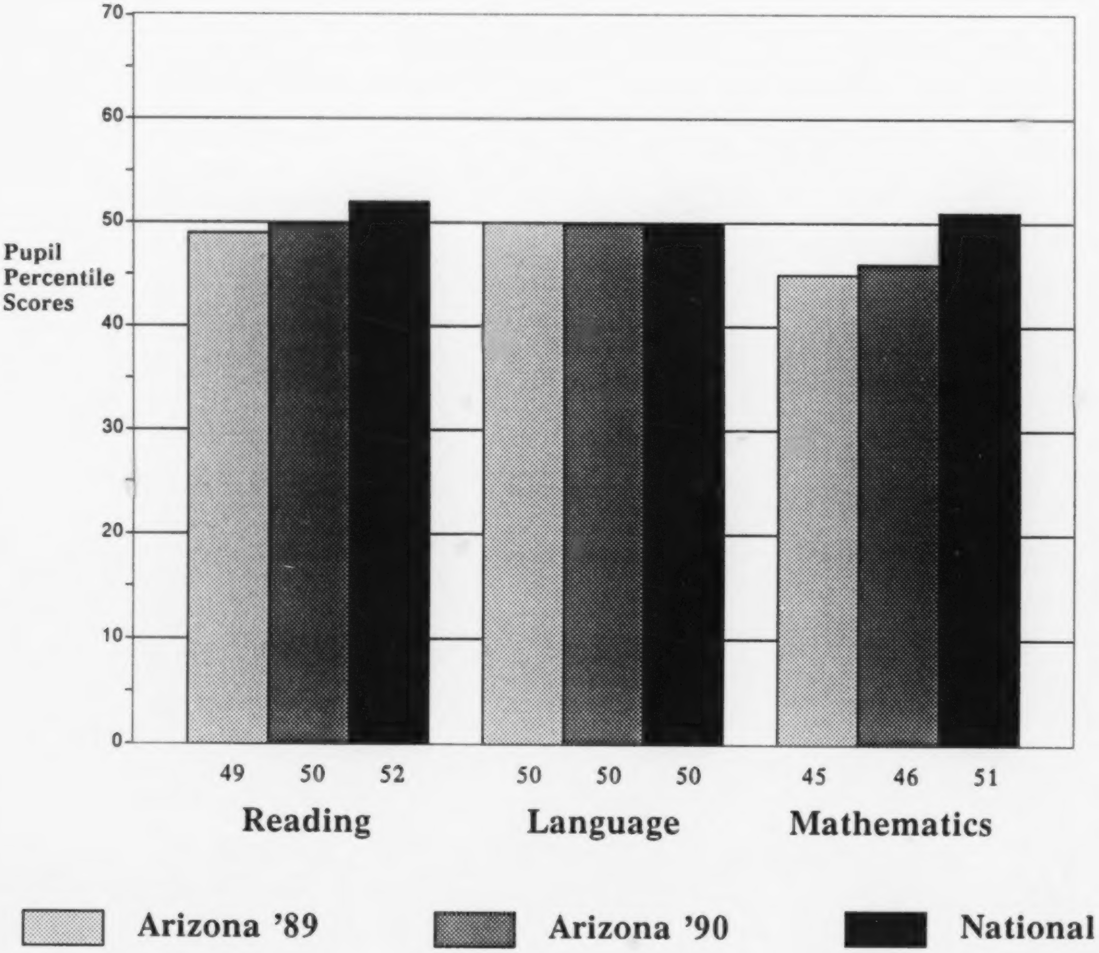
[a] Based on individual norms.

GRADE 5

Strengths and Weaknesses. Fifth-grade pupils in Arizona scored above the national average on the Capitalization and Visual Materials tests. Their average grade-equivalent scores ranged from 56.0 on Mathematics Computation to 60.7 on Capitalization. National percentile ranks for average grade equivalents ranged from 42 to 55, with a median of 48. The average scores on Capitalization and Visual Materials were at or above the national median.

Achievement Gain. Figure 11 shows that modest one-point gains were obtained in Reading Comprehension and Mathematics percentile ranks of average scores between the 1989 and 1990 fifth-grade groups. As in 1989, the average percentile rank for Language was at the national average.

Figure 11.
1990 Achievement Gain for Grade Five



Achievement Growth. The 1990 group of fifth graders is approximately the same as the group of 1989 fourth graders. Comparisons of average percentile ranks obtained in 1989 and 1990 are shown in Figure 12. Consistent 3-percentile-point growth is shown in all three reported areas of Reading Comprehension, Language, and Mathematics.

Figure 12.
1989 and 1990 Percentile-Rank Averages for the
1990 Grade 5 Group

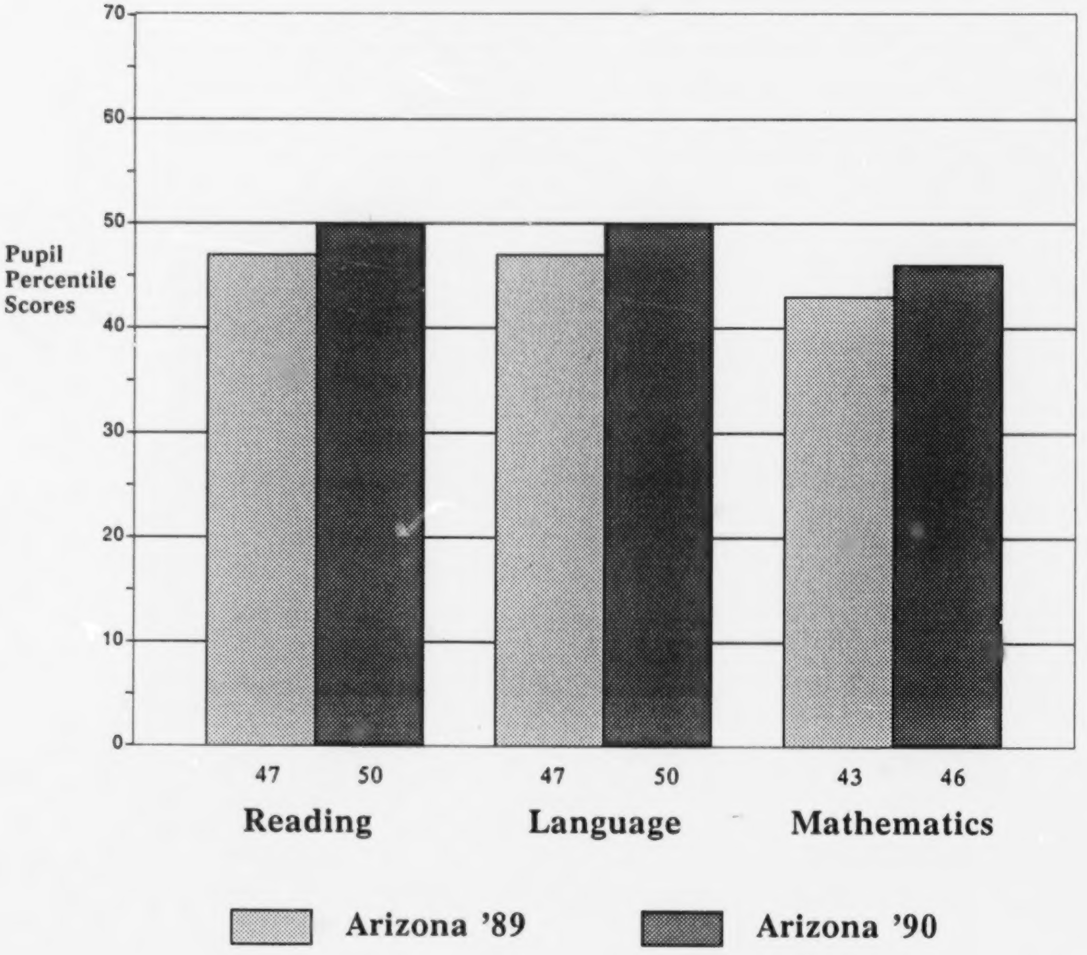


Table 15
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES
GRADE FIVE (INDIVIDUAL NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	57.7	49	5	56.3	45	5
Reading Comprehension	58.3	52	5	57.8	50	5
Spelling	57.9	50	5	57.7	50	5
Capitalization	58.7	50	5	60.7	55	5
Punctuation	59.4	50	5	58.6	49	5
Usage and Expression	58.5	49	5	57.8	48	5
Language Skills - Total	58.8	50	5	58.7	50	5
Visual Materials	57.7	49	5	58.6	51	5
Reference Materials	57.5	50	5	56.5	47	5
Work-Study Skills - Total	57.4	51	5	57.6	51	5
Mathematics Concepts	59.6	52	5	57.0	45	5
Mathematics Problem Solving	57.2	48	5	56.2	46	5
Mathematics Computation	58.0	49	5	56.0	42	5
Mathematics Skills - Total	58.2	51	5	56.4	46	5
Composite - Complete	58.0	51	5	57.5	49	5

[a] Percentile ranks are for individuals. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 16
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE FIVE (GROUP NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	57.7	42	5	56.3	36	4
Reading Comprehension	58.3	45	5	57.8	42	5
Spelling	57.9	45	5	57.7	44	5
Capitalization	58.7	45	5	60.7	54	5
Punctuation	59.4	47	5	58.6	43	5
Usage and Expression	58.5	45	5	57.8	42	5
Language Skills - Total	58.8	45	5	58.7	45	5
Visual Materials	57.7	49	5	58.6	52	5
Reference Materials	57.5	44	5	56.5	39	4
Work-Study Skills - Total	57.4	45	5	57.6	45	5
Mathematics Concepts	59.6	50	5	57.0	38	4
Mathematics Problem Solving	57.2	45	5	56.2	39	4
Mathematics Computation	58.0	48	5	56.0	32	4
Mathematics Skills - Total	58.2	49	5	56.4	37	4
Composite - Complete	58.0	44	5	57.5	42	5

[a] Percentile ranks are for group averages. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 17
ANALYSIS BY VARIABLES
GRADE FIVE

	READING COMPREHENSION				TOTAL LANGUAGE				TOTAL MATHEMATICS			
	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]
Sex												
Male	23,125	50.0	57	48	23,016	50.0	57	45	23,057	50.1	56	45
Female	22,699	49.1	59	53	22,589	49.2	61	56	22,557	49.0	57	46
No Response	413	0.9	55	44	403	0.9	55	42	413	0.9	55	40
Primary Language												
English	39,166	84.7	59	54	38,978	84.7	60	54	38,984	84.7	57	48
Spanish	3,969	8.6	48	28	3,953	8.6	51	32	3,970	8.6	51	29
Spanish exclusively	144	0.3	45	21	142	0.3	47	25	144	0.3	50	25
Navajo	789	1.7	45	23	787	1.7	49	28	788	1.7	48	21
Navajo exclusively	59	0.1	43	18	59	0.1	46	23	59	0.1	47	18
Other	527	1.1	52	37	524	1.1	56	43	529	1.1	55	40
Other exclusively	46	0.1	48	28	44	0.1	52	36	43	0.1	54	37
No Response	1,537	3.3	56	46	1,521	3.3	56	45	1,510	3.3	55	40
Racial/Ethnic												
White	28,584	61.8	62	59	28,441	61.8	62	57	28,464	61.8	59	53
Black	1,789	3.9	52	36	1,780	3.9	55	41	1,776	3.9	52	31
Hispanic	10,506	22.7	51	35	10,463	22.7	56	39	10,478	22.8	52	34
American Indian or Alaskan	3,101	6.7	49	30	3,087	6.7	51	34	3,082	6.7	50	27
Asian or Pacific Islander	633	1.4	61	57	630	1.4	63	61	630	1.4	61	61
No Response	1,624	3.5	50	46	1,607	3.5	56	45	1,597	2.9	55	41

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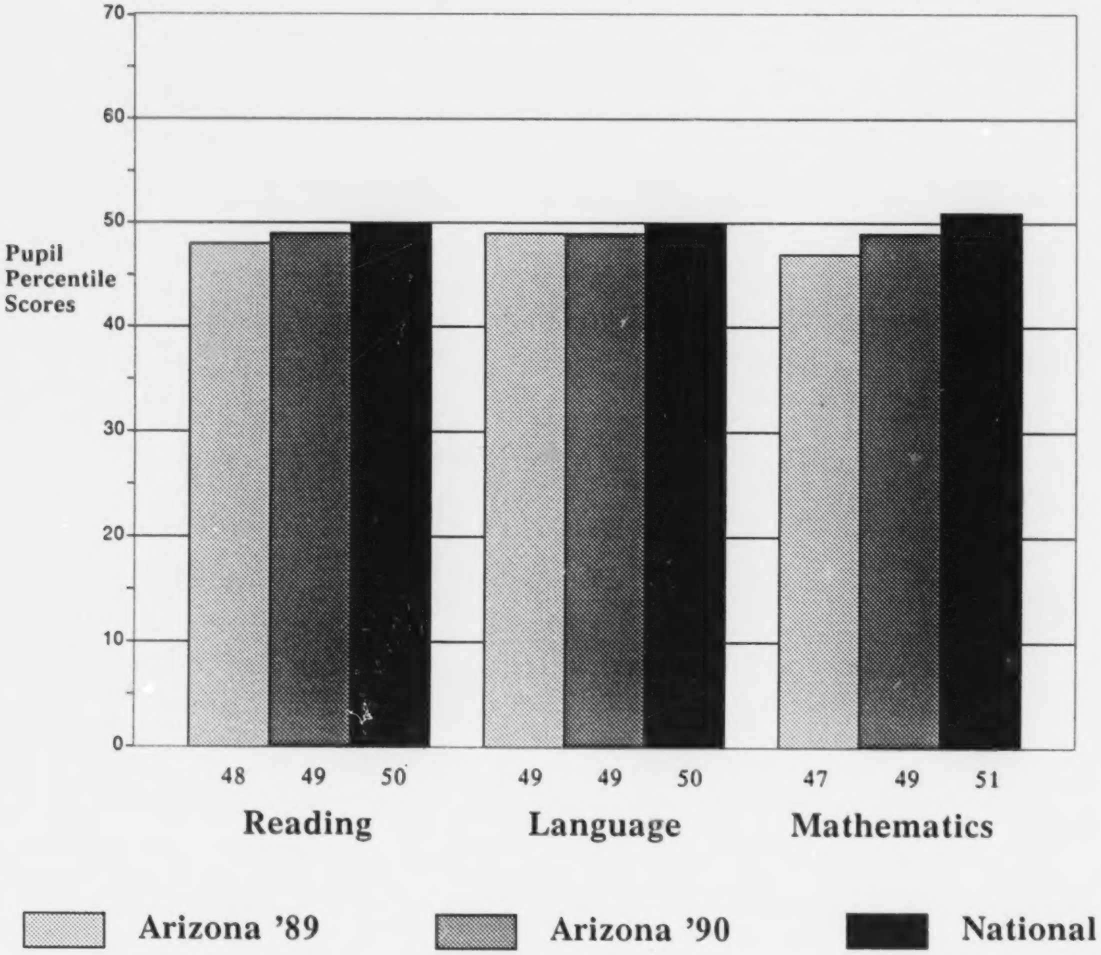
[a] Based on individual norms.

GRADE 6

Strengths and Weaknesses. As a group, Arizona sixth-grade pupils scored above the national average on the Spelling, Capitalization, Usage and Expression and Visual Materials tests. Average grade-equivalent scores ranged from 64.5 in Vocabulary to 69.8 in Capitalization. National percentile ranks for these averages ranged from 42 in Vocabulary to 53 in Capitalization with the median of 49. The sixth-grade group scored at or above the national median in Spelling, Capitalization, Usage and Expression and Visual Materials.

Achievement Gain. Compared to 1989 results, 1990 sixth-grade scores showed modest gains in Reading Comprehension and Mathematics, while remaining constant in Language. Two national percentile points were gained in Mathematics and one in Reading Comprehension. As shown in Figure 13, all three scores were slightly below the national average.

Figure 13.
1990 Achievement Gain for Grade Six



Achievement Growth. The percentile ranks of average scores for sixth graders were 49 in each of Reading Comprehension, Language, and Mathematics in 1990. Since 1989, when approximately the same group was in fifth grade, these scores represent a growth of four percentile points in Mathematics, no change in Reading Comprehension, and a slight one-point drop in Language. All three scores are close to the national averages.

Figure 14.
1989 and 1990 Percentile-Rank Averages for the
1990 Grade 6 Group

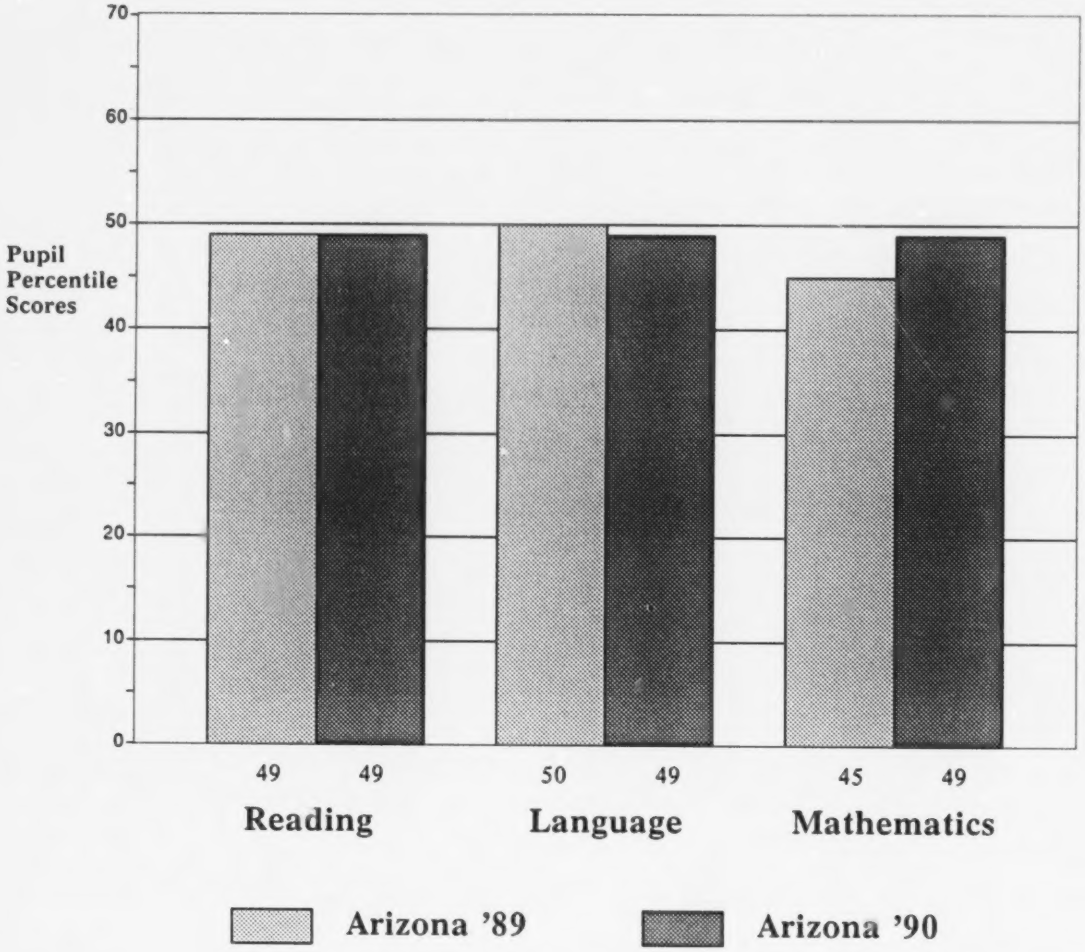


Table 18
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE SIX (INDIVIDUAL NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	67.2	48	5	64.5	42	5
Reading Comprehension	68.0	50	5	67.6	49	5
Spelling	67.3	50	5	68.1	51	5
Capitalization	68.3	51	5	69.8	53	5
Punctuation	68.4	49	5	65.2	43	5
Usage and Expression	67.9	49	5	68.9	51	5
Language Skills - Total	68.3	50	5	68.0	49	5
Visual Materials	67.3	49	5	68.3	51	5
Reference Materials	67.3	49	5	67.1	48	5
Work-Study Skills - Total	67.3	50	5	67.7	51	5
Mathematics Concepts	69.7	51	5	69.0	50	5
Mathematics Problem Solving	67.1	48	5	66.6	47	5
Mathematics Computation	67.8	48	5	66.7	45	5
Mathematics Skills - Total	68.2	51	5	67.5	49	5
Composite - Complete	67.8	50	5	67.2	49	5

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[a] Percentile ranks are for individuals. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 19
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES
GRADE SIX (GROUP NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	67.2	41	5	64.5	31	4
Reading Comprehension	68.0	43	5	67.6	41	5
Spelling	67.3	44	5	68.1	49	5
Capitalization	68.3	44	5	69.8	50	5
Punctuation	68.4	46	5	65.2	33	4
Usage and Expression	67.9	43	5	68.9	46	5
Language Skills - Total	68.3	44	5	68.0	43	5
Visual Materials	67.3	46	5	68.3	50	5
Reference Materials	67.3	44	5	67.1	43	5
Work-Study Skills - Total	67.3	45	5	67.7	47	5
Mathematics Concepts	69.7	51	5	69.0	47	5
Mathematics Problem Solving	67.1	47	5	66.6	44	5
Mathematics Computation	67.8	47	5	66.7	39	4
Mathematics Skills - Total	68.2	50	5	67.5	47	5
Composite - Complete	67.8	44	5	67.2	41	5

[a] Percentile ranks are for group averages. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 20
ANALYSIS BY VARIABLES
GRADE SIX

	READING COMPREHENSION				TOTAL LANGUAGE				TOTAL MATHEMATICS			
	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]
Sex												
Male	22,176	50.1	67	48	22,024	50.1	65	44	22,023	50.1	67	47
Female	21,771	49.2	69	52	21,646	49.2	71	55	21,630	49.2	68	50
No Response	321	0.7	61	36	314	0.7	61	36	324	0.7	62	33
Primary Language												
English	37,535	84.8	69	53	37,279	84.8	69	52	37,280	84.8	69	52
Spanish	3,383	7.6	57	29	3,373	7.6	60	33	3,368	7.7	61	31
Spanish exclusively	208	0.5	50	18	206	0.5	52	19	206	0.5	58	22
Navajo	750	1.7	54	23	747	1.7	55	24	745	1.7	57	20
Navajo exclusively	56	0.1	51	19	56	0.1	53	21	54	0.1	54	13
Other	498	1.1	62	39	496	1.1	65	42	497	1.1	66	44
Other exclusively	28	0.1	61	37	28	0.1	61	36	29	0.1	66	45
No Response	1,810	4.1	66	45	1,799	4.1	65	43	1,798	4.1	66	44
Racial/Ethnic												
White	27,030	61.1	72	58	26,869	61.1	71	55	26,884	61.1	70	57
Black	1,672	3.8	60	35	1,652	3.8	63	40	1,641	3.7	62	34
Hispanic	9,957	22.5	61	36	9,900	22.5	63	40	9,893	22.5	63	37
American Indian or Alaskan	3,051	6.9	58	30	3,016	6.9	59	32	3,017	6.9	60	27
Asian or Pacific Islander	662	1.5	73	60	662	1.5	75	63	662	1.5	75	69
No Response	1,896	4.3	66	46	1,885	4.3	65	44	1,880	4.3	60	44

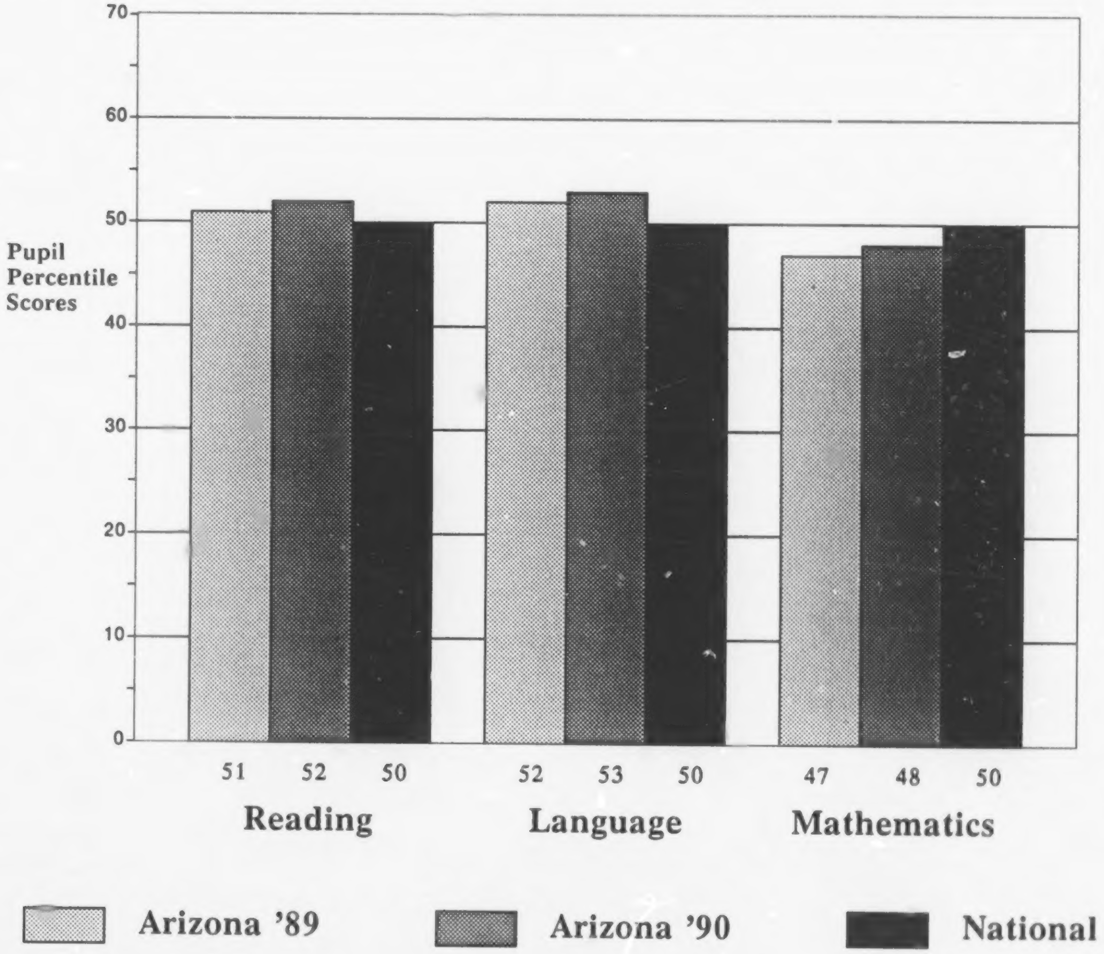
[a] Based on individual norms.

GRADE 7

Strengths and Weaknesses. As a group, Arizona seventh graders scored above the national average on the Reading Comprehension, Spelling, Capitalization, Punctuation, Usage and Expression, Visual Materials and Reference Materials tests. Average grade-equivalent scores ranged from 74.6 on Vocabulary to 80.6 on Punctuation. National percentile ranks for all average grade equivalents ranged from 42 to 55, with a median of 50. The average scores were at or above the national median on the Reading Comprehension, Capitalization, Punctuation and Visual Materials tests.

Achievement Gain. As in 1989, the 1990 seventh graders scored above the national average in Reading Comprehension and Language. One-point gains were obtained in the percentile ranks of average scores in both areas. A one-point gain was also reported for Mathematics although, as shown in Figure 15, the score of 48 was still slightly below the national average.

Figure 15.
1990 Achievement Gain for Grade Seven



Achievement Growth. The pupils who comprised the 1990 seventh-grade group are primarily the same pupils who comprised the 1989 sixth-grade group. This group showed gains in all three areas of Reading Comprehension, Language, and Mathematics. A substantial growth of four percentile points was recorded in both Reading Comprehension and Language. A more modest growth of one percentile point was achieved in Mathematics.

Figure 16.
1989 and 1990 Percentile-Rank Averages for the
1990 Grade 7 Group

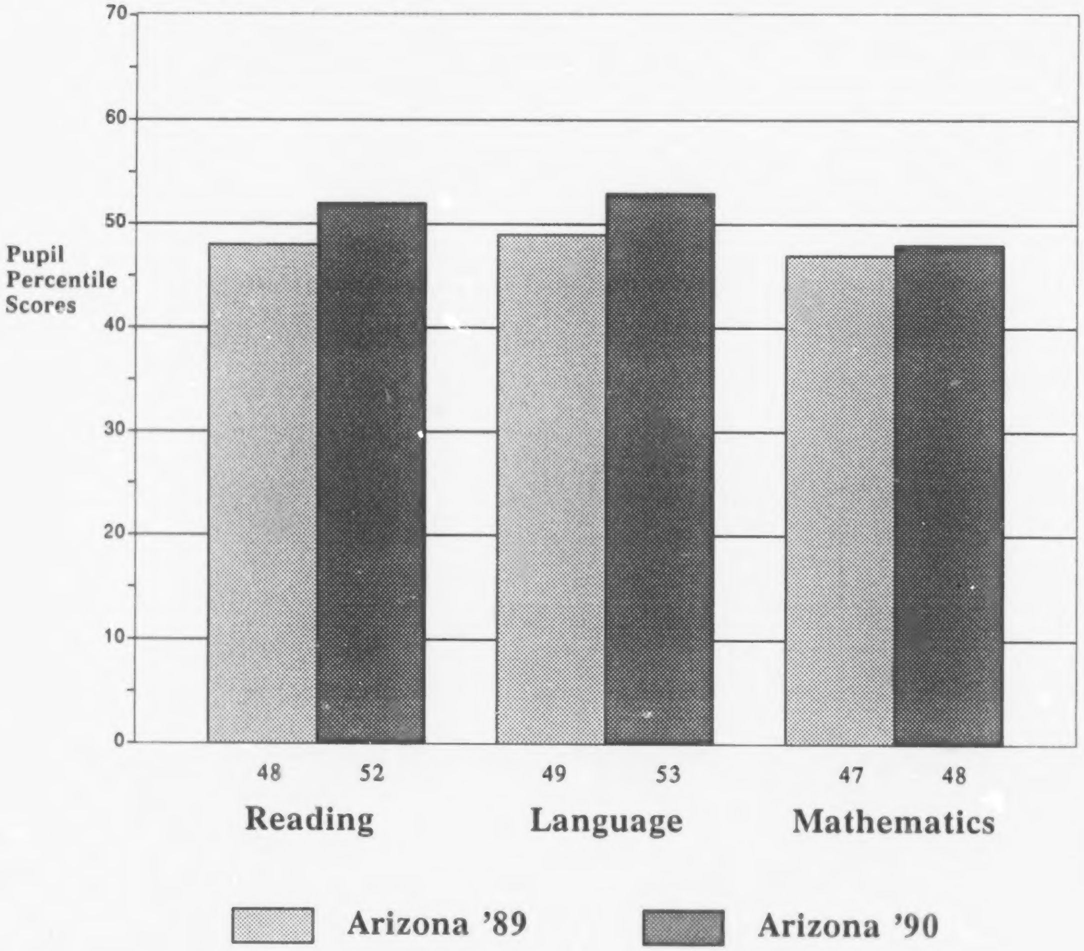


Table 21
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES
GRADE SEVEN (INDIVIDUAL NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	77.2	47	5	74.6	42	5
Reading Comprehension	78.0	50	5	79.2	52	5
Spelling	76.8	49	5	77.5	50	5
Capitalization	78.1	49	5	80.0	52	5
Punctuation	77.4	48	5	80.6	55	5
Usage and Expression	77.2	48	5	78.8	50	5
Language Skills - Total	77.5	50	5	79.3	53	5
Visual Materials	76.7	47	5	78.9	52	5
Reference Materials	77.1	48	5	78.2	50	5
Work-Study Skills - Total	76.9	48	5	78.6	52	5
Mathematics Concepts	79.3	51	5	77.2	46	5
Mathematics Problem Solving	76.8	48	5	75.6	45	5
Mathematics Computation	77.3	48	5	76.9	46	5
Mathematics Skills - Total	77.6	50	5	76.6	48	5
Composite - Complete	77.5	50	5	77.9	52	5

[a] Percentile ranks are for individuals. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 22
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE SEVEN (GROUP NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	77.2	42	5	74.6	33	4
Reading Comprehension	78.0	43	5	79.2	48	5
Spelling	76.8	44	5	77.5	48	5
Capitalization	78.1	43	5	80.0	51	5
Punctuation	77.4	45	5	80.6	57	5
Usage and Expression	77.2	42	5	78.8	46	5
Language Skills - Total	77.5	41	5	79.3	49	5
Visual Materials	76.7	45	5	78.9	53	5
Reference Materials	77.1	43	5	78.2	48	5
Work-Study Skills - Total	76.9	45	5	78.6	50	5
Mathematics Concepts	79.3	48	5	77.2	40	5
Mathematics Problem Solving	76.8	47	5	75.6	41	5
Mathematics Computation	77.3	45	5	76.9	42	5
Mathematics Skills - Total	77.6	48	5	76.6	43	5
Composite - Complete	77.5	44	5	77.9	46	5

[a] Percentile ranks are for group averages. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 23
ANALYSIS BY VARIABLES
GRADE SEVEN

	READING COMPREHENSION				TOTAL LANGUAGE				TOTAL MATHEMATICS			
	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]
Sex												
Male	21,662	49.9	78	50	21,447	50.0	76	47	21,438	50.0	76	47
Female	21,159	48.9	81	54	20,957	48.8	83	59	20,953	48.8	77	49
No Response	517	1.2	71	38	508	1.2	72	39	514	1.2	70	33
Primary Language												
English	36,417	84.1	81	55	36,095	84.1	81	56	36,090	84.1	78	51
Spanish	3,732	8.6	68	31	3,703	8.6	68	34	3,709	8.6	68	28
Spanish exclusively	141	0.3	61	21	141	0.3	58	18	139	0.3	65	21
Navajo	782	1.8	65	26	777	1.8	66	30	776	1.8	65	20
Navajo exclusively	36	0.1	65	27	35	0.1	66	30	36	0.1	65	21
Other	456	1.1	73	41	446	1.0	75	45	448	1.0	74	41
Other exclusively	54	0.1	72	39	53	0.1	72	40	54	0.1	71	34
No Response	1,680	3.9	77	48	1,662	3.9	77	49	1,653	3.9	76	45
Racial/Ethnic												
White	26,146	60.4	84	59	25,933	60.4	83	59	25,922	60.4	80	56
Black	1,573	3.6	72	40	1,562	3.6	75	45	1,558	3.6	70	33
Hispanic	10,221	23.6	72	39	10,128	23.6	73	43	10,117	23.6	71	35
American Indian or Alaskan	2,927	6.8	69	35	2,895	6.7	70	37	2,899	6.8	68	27
Asian or Pacific Islander	687	1.6	84	61	681	1.6	87	66	688	1.6	85	67
No Response	1,744	4.0	78	49	1,713	4.0	77	49	1,721	4.0	76	45

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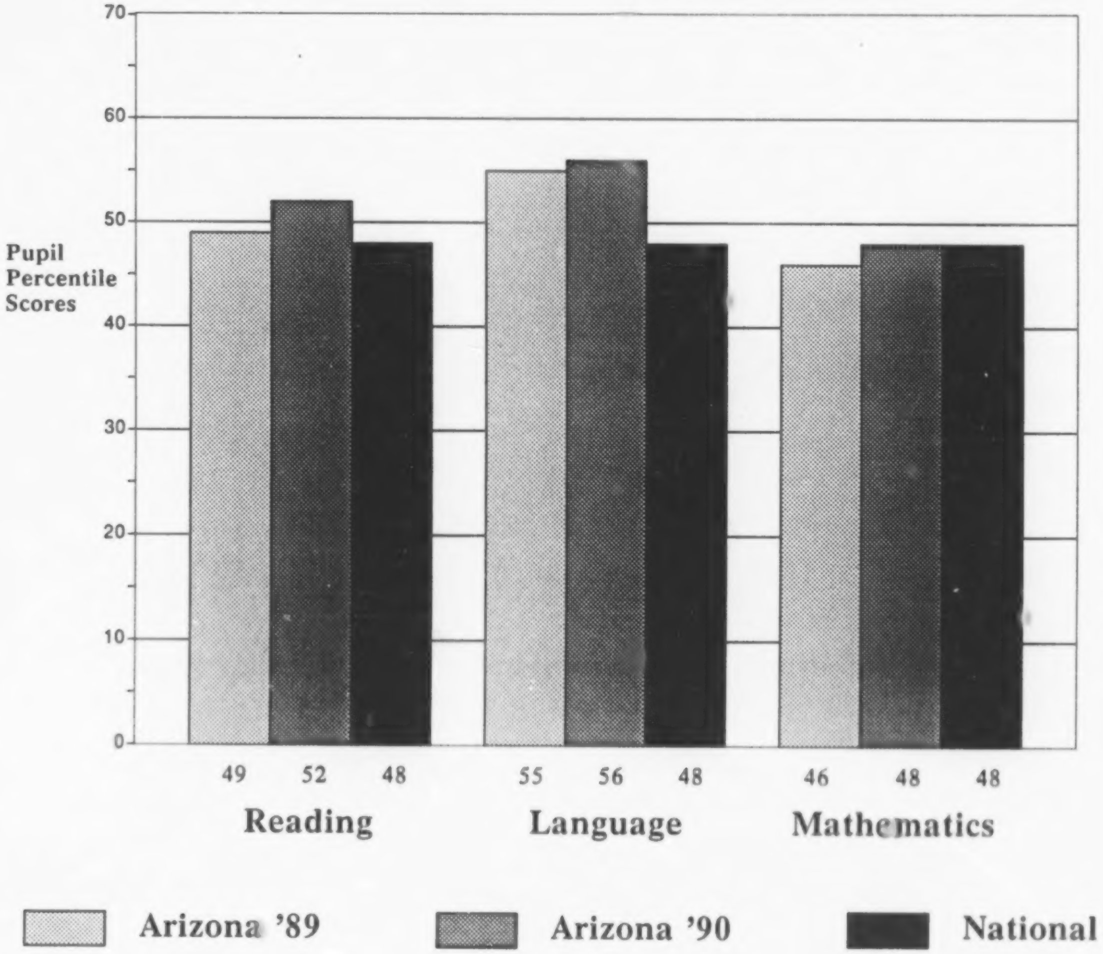
[a] Based on individual norms.

GRADE 8

Strengths and Weaknesses. Arizona eighth graders scored above the national average on Reading Comprehension, Spelling, Capitalization, Punctuation, Usage and Expression, Visual Materials, Reference Materials and Mathematics Problem Solving tests. Average grade equivalents ranged from 84.0 on Vocabulary to 93.0 on Punctuation. The national percentile ranks for the average grade equivalents ranged from 42 to 60, with the median at 50. The average scores were at or above the national median on Reading Comprehension, Capitalization, Punctuation, Usage and Expression and Reference Materials tests.

Achievement Gain. Arizona's 1990 eighth-grade students performed at a higher level than 1989 eighth graders in all three areas of Reading Comprehension, Language, and Mathematics. In Reading Comprehension, the percentile rank of the average grade equivalent was 3 points higher than last year. Gains of 1 and 2 points, respectively, were reported in Language and Mathematics. These 1990 scores were higher than the national average except for Mathematics, where the average score of 48 was at the national average. These results are shown in Figure 17.

Figure 17.
1990 Achievement Gain for Grade Eight



Achievement Growth. The group of 1990 eighth graders is approximately the same as the group that were in seventh grade in 1989. This group improved their scores over those obtained last year. The greatest growth was shown in Language, where the 1990 percentile rank of the average score was four points higher than in 1989. A growth of one point was reported in both Reading Comprehension and Mathematics. The 1990 group scored at or above the national average in all three areas. Comparisons are shown in Figure 18.

Figure 18.
1989 and 1990 Percentile-Rank Averages for the
1990 Grade 8 Group

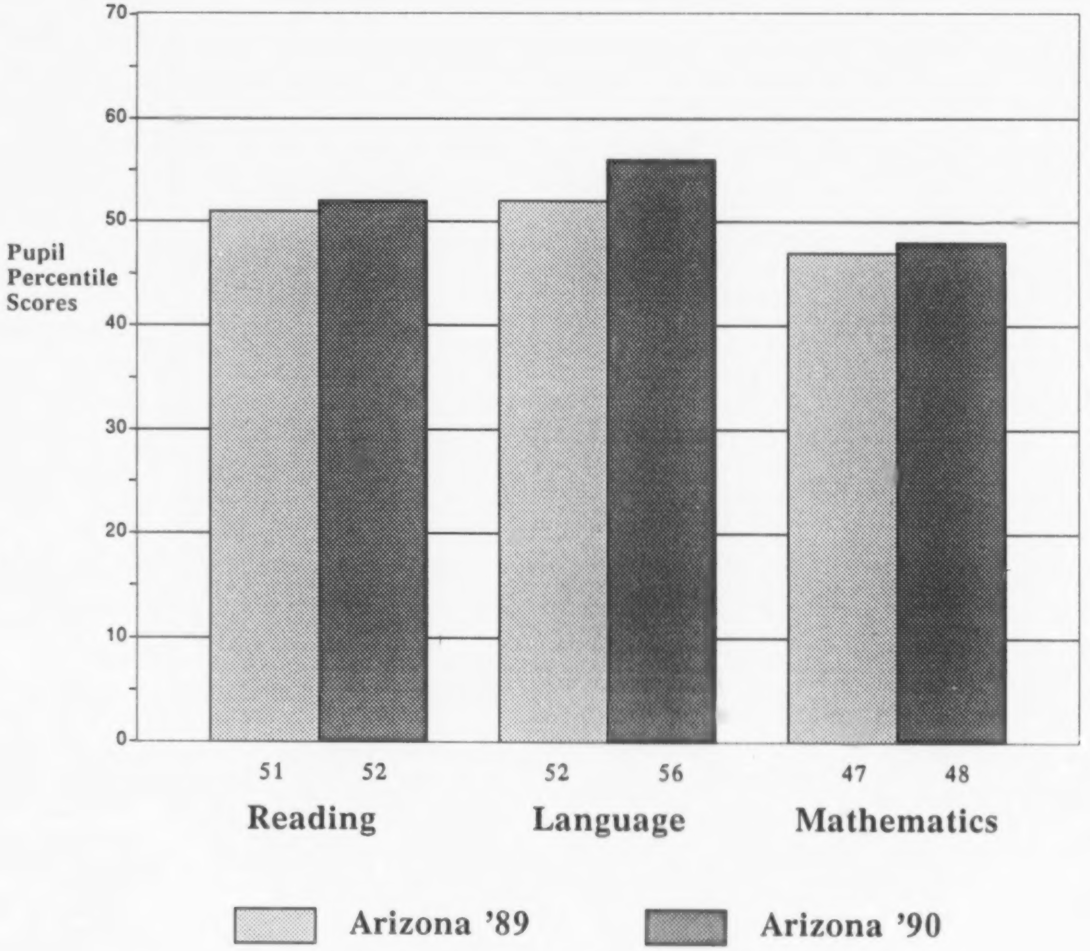


Table 24
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE EIGHT (INDIVIDUAL NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	86.2	46	5	84.0	42	5
Reading Comprehension	86.6	48	5	89.0	52	5
Spelling	85.1	47	5	87.3	50	5
Capitalization	87.0	48	5	92.9	56	5
Punctuation	85.3	47	5	93.0	60	6
Usage and Expression	86.0	47	5	89.5	52	5
Language Skills - Total	86.0	48	5	90.8	56	5
Visual Materials	85.5	46	5	88.2	50	5
Reference Materials	86.0	47	5	88.5	51	5
Work-Study Skills - Total	85.8	47	5	88.4	52	5
Mathematics Concepts	88.4	49	5	86.9	46	5
Mathematics Problem Solving	85.3	46	5	86.1	47	5
Mathematics Computation	85.1	44	5	84.8	44	5
Mathematics Skills - Total	86.1	48	5	86.0	48	5
Composite - Complete	86.3	49	5	87.9	52	5

[a] Percentile ranks are for individuals. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 25
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE EIGHT (GROUP NORMS)

	NATIONAL NORMS			ARIZONA AVERAGES		
	Grade Equivalent	Percentile Rank[a]	Stanine	Grade Equivalent	Percentile Rank[b]	Stanine
Vocabulary	86.2	42	5	84.0	35	5
Reading Comprehension	86.6	42	5	89.0	51	5
Spelling	85.1	39	5	87.3	49	5
Capitalization	87.0	39	5	92.9	61	6
Punctuation	85.3	39	5	93.0	68	6
Usage and Expression	86.0	40	5	89.5	51	5
Language Skills - Total	86.0	39	5	90.8	58	5
Visual Materials	85.5	44	5	88.2	52	5
Reference Materials	86.0	41	5	88.5	51	5
Work-Study Skills - Total	85.8	42	5	88.4	52	5
Mathematics Concepts	88.4	48	5	86.9	42	5
Mathematics Problem Solving	85.3	45	5	86.1	48	5
Mathematics Computation	85.1	44	5	84.8	39	4
Mathematics Skills - Total	86.1	45	5	86.0	45	5
Composite - Complete	86.3	41	5	87.9	49	5

[a] Percentile ranks are for group averages. Percentile ranks for national values have been interpolated.

[b] Percentile ranks for state averages have been obtained by rounding average grade equivalents to the nearest whole number and converting them to percentile ranks from a conversion table.

Table 26
ANALYSIS BY VARIABLES
GRADE EIGHT

	READING COMPREHENSION				TOTAL LANGUAGE				TOTAL MATHEMATICS			
	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]
Sex												
Male	19,962	49.8	88	50	19,766	49.7	80	50	19,814	49.8	86	48
Female	19,614	48.9	90	54	19,468	49.0	95	63	19,469	48.9	86	48
No Response	511	1.3	83	42	504	1.3	84	45	517	1.3	81	37
Primary Language												
English	34,363	85.7	91	56	34,060	85.7	93	59	34,083	85.6	87	51
Spanish	3,273	8.2	75	30	3,253	8.2	79	37	3,259	8.2	77	30
Spanish exclusively	189	0.5	66	18	187	0.5	67	21	187	0.5	74	23
Navajo	607	1.5	71	24	605	1.5	78	35	605	1.5	74	24
Navajo exclusively	60	0.1	72	26	60	0.2	76	34	60	0.2	74	24
Other	458	1.1	81	38	458	1.2	85	46	455	1.1	84	45
Other exclusively	50	0.1	80	37	49	0.1	83	43	49	0.1	82	40
No Response	1,087	2.7	85	45	1,066	2.7	86	49	1,102	2.8	83	41
Racial/Ethnic												
White	24,720	61.7	90	53	24,525	61.7	95	63	24,553	61.7	96	56
Black	1,485	3.7	79	33	1,464	3.7	86	48	1,466	3.7	79	34
Hispanic	9,386	23.4	75	27	9,336	23.5	84	45	9,340	23.5	86	36
American Indian or Alaskan	2,582	6.4	67	17	2,569	6.5	81	40	2,554	6.4	77	29
Asian or Pacific Islander	692	1.7	86	46	692	1.7	99	69	687	1.7	94	67
No Response	1,181	2.9	83	39	1,152	2.9	87	50	1,200	3.0	83	42

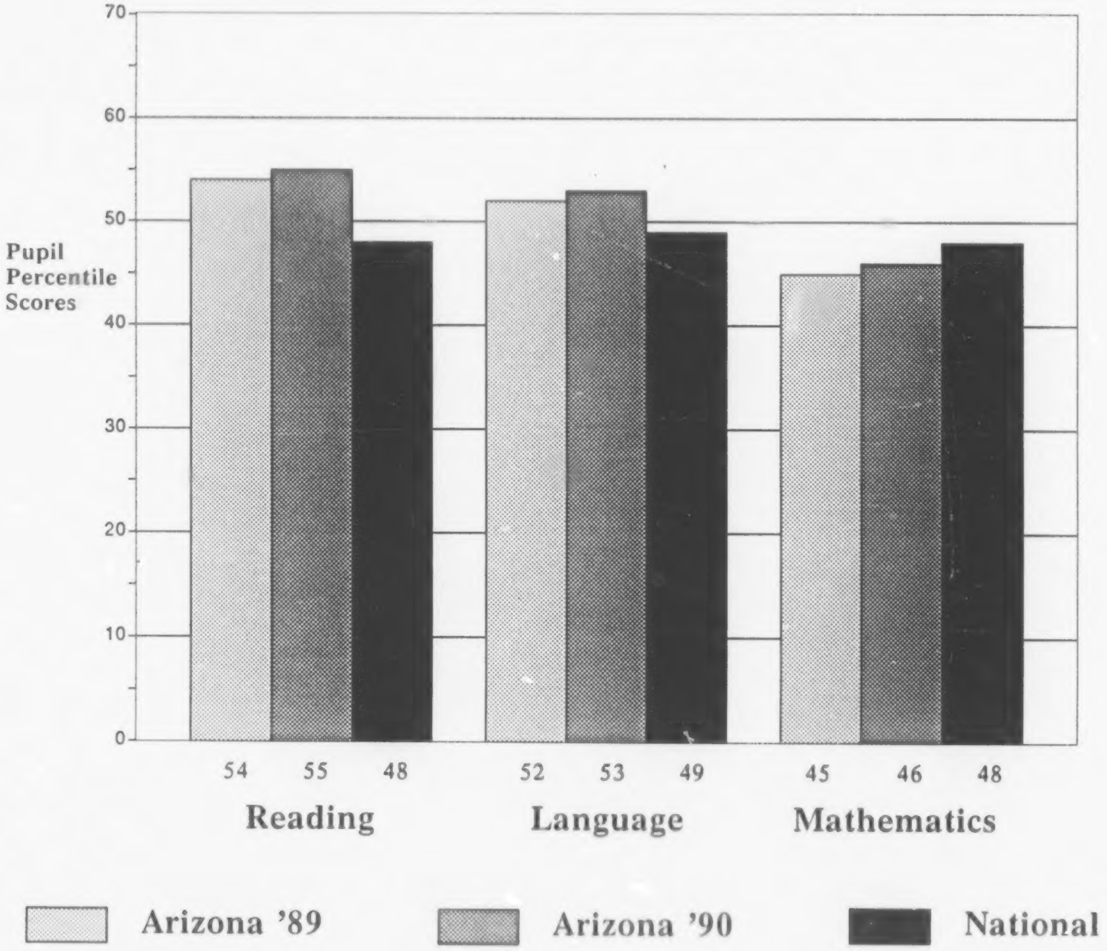
[a] Based on individual norms.

GRADE 9

Strengths and Weaknesses. As a group, Arizona ninth graders scored above the national average on the Reading Comprehension and Written Expression tests. Average grade-equivalent scores ranged from 101.7 on Using Sources of Information to 108.3 on Reading Comprehension. The national percentile ranks for average scores ranged from 46 to 55, with the median at 50. The ninth-grade group scored above the national median on Reading Comprehension and Written Expression.

Achievement Gain. The 1990 ninth-grade group increased their percentile rank of the average score by one point over the scores of the 1989 ninth-grade group in all three areas compared. They performed above the national average in Reading Comprehension and Language, and below the national average in Mathematics.

Figure 19.
1990 Achievement Gain for Grade Nine



Achievement Growth. The 1990 group of ninth graders is basically the same as the group that was in eighth grade last year. As shown in Figure 20, this group substantially increased their national percentile ranking in Reading Comprehension by six points. Their national ranking in Mathematics remained constant, while their ranking in Language decreased by two points.

Figure 20.
1989 and 1990 Percentile-Rank Averages for the
1990 Grade 9 Group

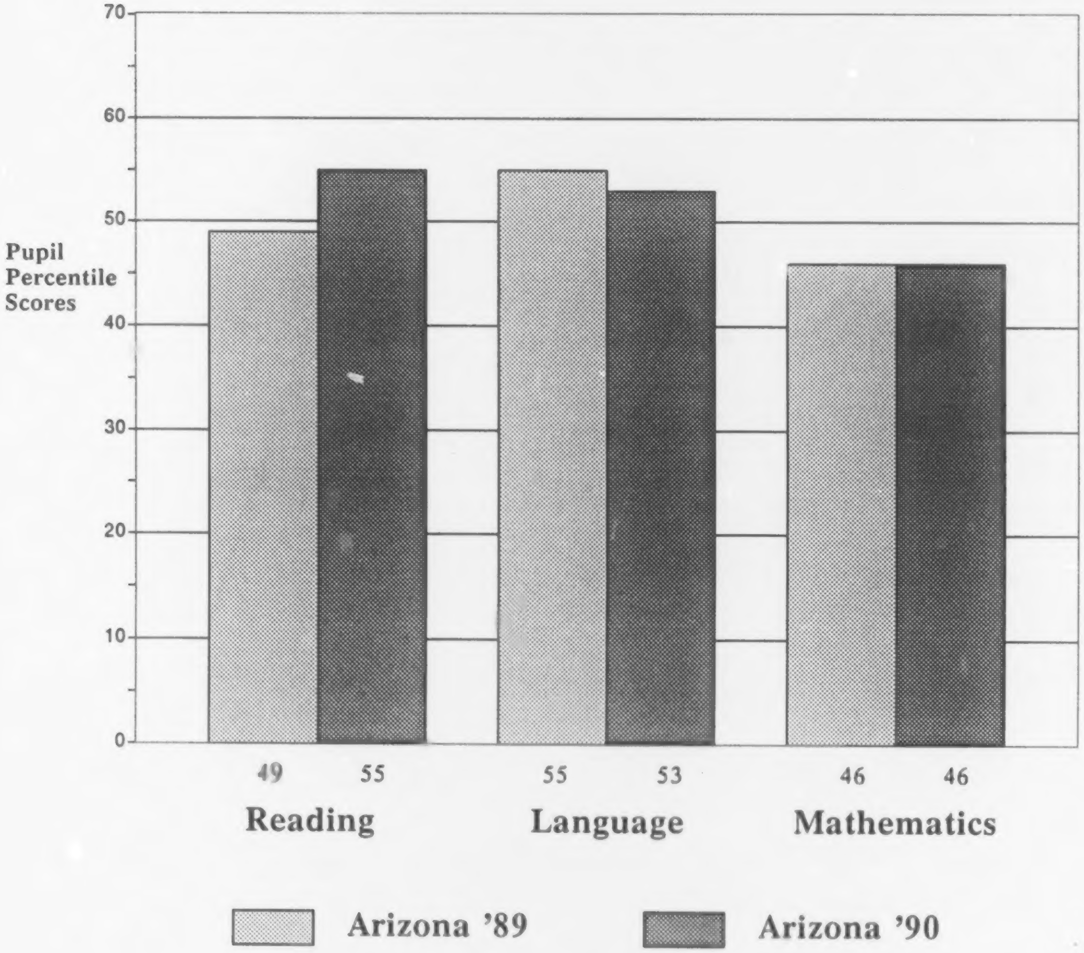


Table 27
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE NINE (INDIVIDUAL NORMS)

	NATIONAL NORMS[a]			ARIZONA AVERAGES[a]		
	Grade Equivalent	Percentile Rank[b]	Stanine[b]	Grade Equivalent	Percentile Rank[b]	Stanine[b]
Reading Comprehension	103.1	48	5	108.3	55	5
Mathematics	105.1	48	5	103.4	46	5
Written Expression	100.6	49	5	103.2	53	5
Using Sources of Information	103.6	49	5	101.7	48	5
Composite - Basic	102.9	48	5	105.2	51	5

[a] Derived from mean scaled score.

[b] Based on individual norms.

Table 28

COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE NINE (GROUP NORMS)

	NATIONAL NORMS[a]			ARIZONA AVERAGES[a]		
	Grade Equivalent	Percentile Rank[b]	Stanine[b]	Grade Equivalent	Percentile Rank[b]	Stanine[b]
Reading Comprehension	103.1	45	5	108.3	57	5
Mathematics	105.1	47	5	103.4	42	5
Written Expression	100.6	47	5	103.2	56	5
Using Sources of Information	103.6	47	5	101.7	45	5
Composite - Basic	102.9	42	5	105.2	46	5

[a] Derived from mean scaled score.

[b] Based on group norms.

Table 29
ANALYSIS BY VARIABLES
GRADE NINE

	READING				LANGUAGE				MATHEMATICS			
	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]
Sex												
Male	19,574	49.8	105	51	19,566	49.7	98	47	19,462	49.8	105	47
Female	19,123	48.6	112	59	19,132	48.6	109	59	19,040	48.7	102	45
No Response	616	1.6	92	36	632	1.6	37	37	589	1.5	89	29
Primary Language												
English	32,242	82.0	112	59	32,248	82.0	106	55	32,090	82.1	106	49
Spanish	2,963	7.5	83	27	2,961	7.5	86	34	2,913	7.5	85	27
Spanish exclusively	133	0.3	72	15	132	0.3	75	23	132	0.3	83	24
Navajo	759	1.9	73	17	757	1.9	80	29	759	1.9	81	22
Navajo exclusively	40	0.1	77	20	40	0.1	82	30	40	0.1	88	30
Other	414	1.1	97	41	415	1.1	98	47	414	1.1	105	47
Other exclusively	37	0.1	97	39	37	0.1	94	44	37	0.1	103	43
No Response	2,725	6.9	108	54	2,740	7.0	102	51	2,706	6.9	103	45
Racial/Ethnic												
White	22,548	57.4	118	65	22,524	57.3	110	59	22,513	57.6	111	56
Black	1,381	3.5	93	38	1,386	3.5	92	40	1,372	3.5	88	30
Hispanic	9,011	22.9	94	38	9,004	22.9	92	40	8,861	22.7	90	32
American Indian or Alaskan	2,794	7.1	85	29	2,808	7.1	87	36	2,782	7.1	80	28
Asian or Pacific Islander	640	1.6	117	64	643	1.6	114	64	641	1.6	120	65
No Response	2,939	7.5	109	54	2,965	7.5	103	52	2,922	7.5	103	45

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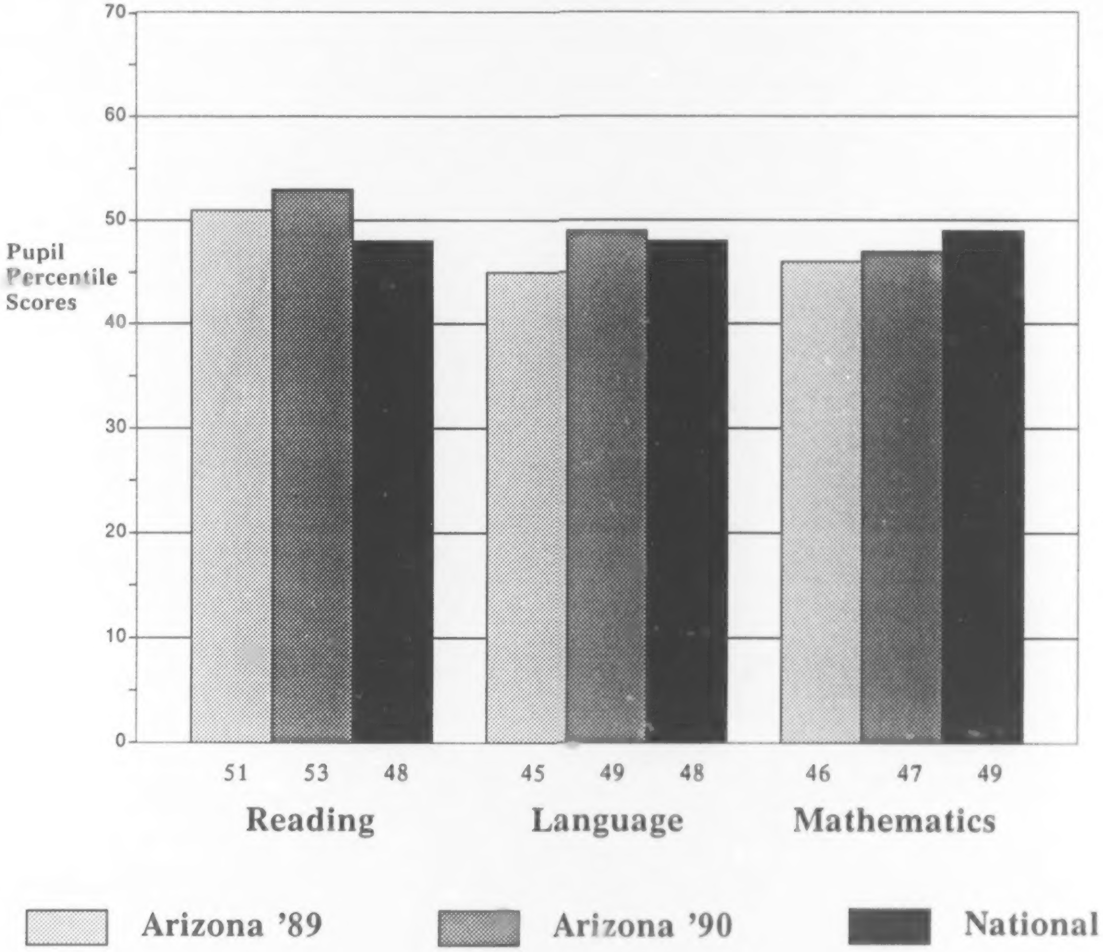
[a] Based on individual norms.

GRADE 10

Strengths and Weaknesses. The group of Arizona tenth graders scored above the national average on Reading Comprehension and Using Sources of Information. Average grade-equivalent scores ranged from 108.2 on Written Expression to 115.9 on Reading Comprehension. National percentile ranks for averages ranged from 47 to 53, with the median at 50. The average score on the Reading Comprehension and Using Sources of Information tests was above the national median.

Achievement Gain. Gains in all three compared areas for grade 10 are shown in Figure 21 in terms of national percentile ranks of average scores. The greatest gain of four percentile points was obtained in Language. A two percentile-point gain was reported for Reading Comprehension. Scores for both of these areas are above the national average. A gain of one percentile point was reported for Mathematics.

Figure 21.
1990 Achievement Gain for Grade Ten



Achievement Growth. Most of the tenth graders tested in 1990 were ninth graders in 1989. Comparisons for the 1989 ninth-grade and 1990 tenth-grade groups showed an increase in two percentile points in Mathematics. Declines of 3 and 1 percentile points were observed in Language and Reading Comprehension, respectively. These data are shown in Figure 22.

Figure 22.
1989 and 1990 Percentile-Rank Averages for the
1990 Grade 10 Group

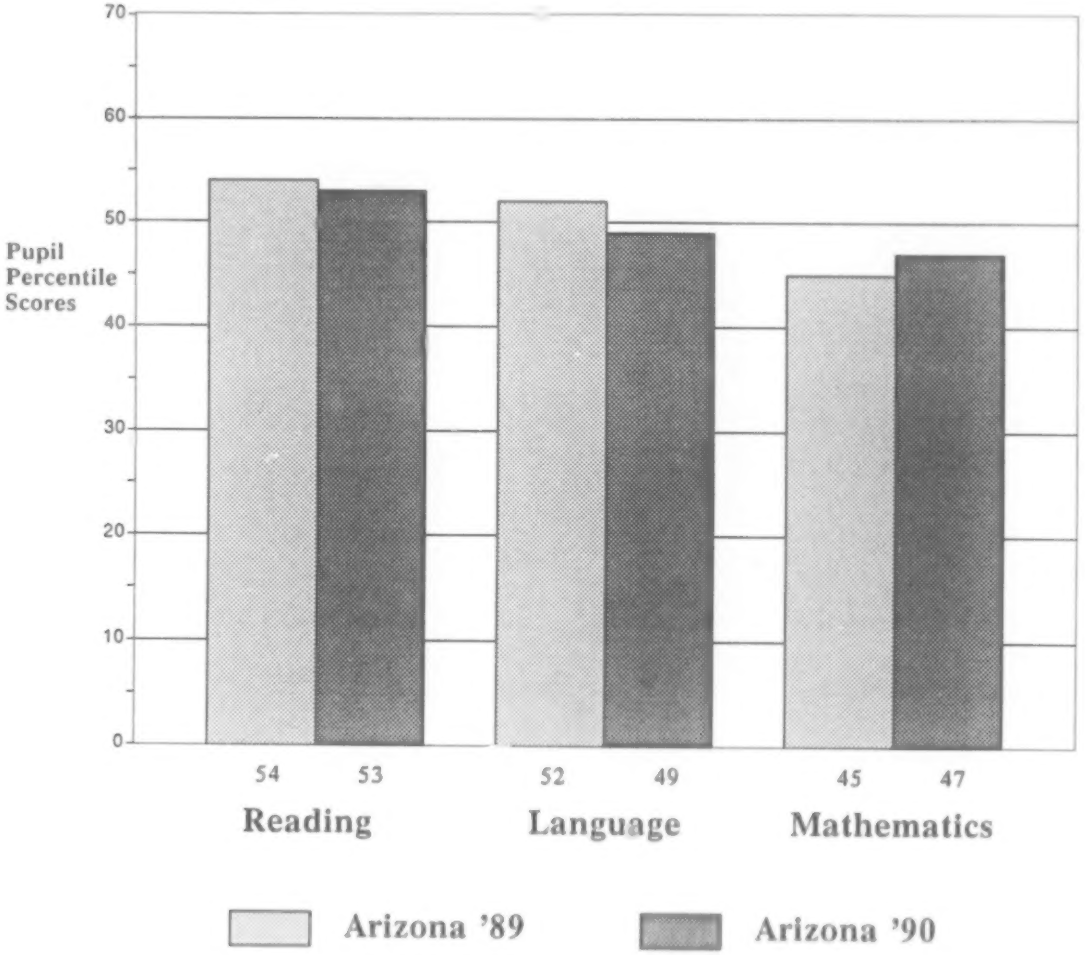


Table 30
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE TEN (INDIVIDUAL NORMS)

	NATIONAL NORMS[a]			ARIZONA AVERAGES[a]		
	Grade Equivalent	Percentile Rank[b]	Stanine[b]	Grade Equivalent	Percentile Rank[b]	Stanine[b]
Reading Comprehension	112.3	48	5	115.9	53	5
Mathematics	113.5	49	5	112.6	47	5
Written Expression	108.2	48	5	108.2	49	5
Using Sources of Information	114.7	50	5	115.0	51	5
Composite - Basic	111.7	50	5	114.3	52	5

[a] Derived from mean scaled score.

[b] Based on individual norms.

Table 31
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE TEN (GROUP NORMS)

	NATIONAL NORMS[a]			ARIZONA AVERAGES[a]		
	Grade Equivalent	Percentile Rank[b]	Stanine[b]	Grade Equivalent	Percentile Rank[b]	Stanine[b]
Reading Comprehension	112.3	44	5	115.9	52	5
Mathematics	113.5	48	5	112.6	44	5
Written Expression	108.2	46	5	108.2	46	5
Using Sources of Information	114.7	50	5	115.0	52	5
Composite - Basic	111.7	43	5	114.3	47	5

[a] Derived from mean scaled score.

[b] Based on group norms.

Table 32
ANALYSIS BY VARIABLES
GRADE TEN

	READING				LANGUAGE				MATHEMATICS			
	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]
Sex												
Male	17,780	49.9	114	50	17,762	49.8	103	43	17,658	49.8	115	51
Female	17,309	48.5	119	57	17,289	48.5	115	55	17,203	48.6	110	45
No Response	575	1.6	100	36	587	1.6	93	32	568	1.6	96	30
Primary Language												
English	29,145	81.7	120	58	29,160	81.8	111	52	28,995	81.8	115	51
Spanish	2,556	7.2	88	25	2,558	7.2	88	29	2,501	7.1	91	26
Spanish exclusively	130	0.4	81	19	129	0.4	85	25	128	0.4	91	23
Navajo	593	1.7	79	17	596	1.7	85	26	595	1.7	90	25
Navajo exclusively	51	0.1	92	29	51	0.1	90	30	51	0.1	99	33
Other	391	1.1	99	33	392	1.1	99	40	392	1.1	116	51
Other exclusively	52	0.1	97	32	51	0.1	92	31	52	0.1	107	39
No Response	2,746	7.7	114	50	2,701	7.6	100	46	2,715	7.7	111	45
Racial/Ethnic												
White	20,817	58.4	126	63	20,839	58.5	115	56	20,762	58.6	121	55
Black	1,211	3.4	97	33	1,211	3.4	93	33	1,202	3.4	93	27
Hispanic	7,687	21.6	100	36	7,684	21.6	96	37	7,563	21.3	97	32
American Indian or Alaskan	2,324	6.5	90	27	2,323	6.5	90	31	2,316	6.5	94	29
Asian or Pacific Islander	721	2.0	119	55	721	2.0	115	55	716	2.0	131	67
No Response	2,904	8.1	115	52	2,860	8.0	107	46	2,870	8.1	111	46

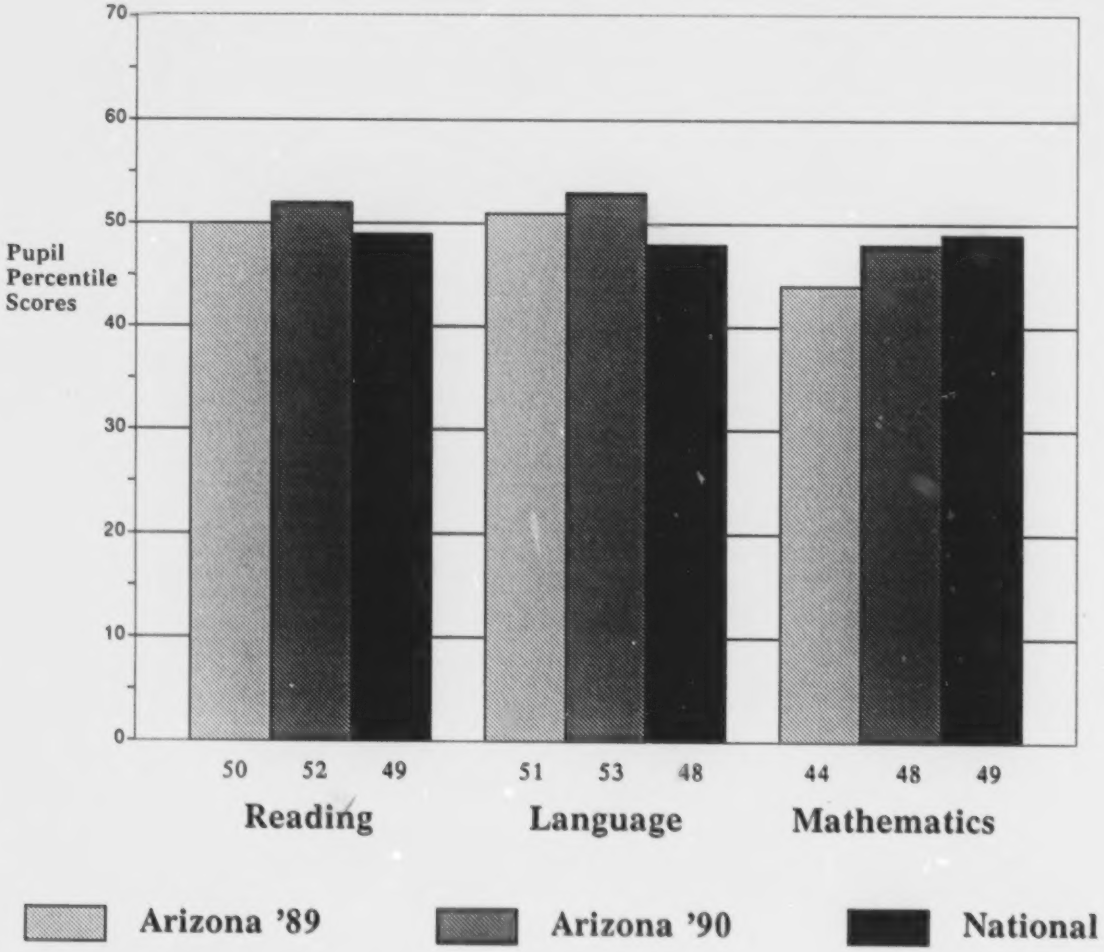
[a] Based on individual norms.

GRADE 11

Strengths and Weaknesses. The group of Arizona eleventh graders scored above the national average on Reading Comprehension, Written Expression and Using Sources of Information tests. Average grade-equivalent scores ranged from 118.2 on Written Expression to 124.4 on Using Sources of Information. The national percentile ranks for average scores ranged from 48 to 53 with the median at 52. The eleventh graders exceeded the national median on Reading Comprehension, Written Expression and Using Sources of Information.

Achievement Gain. The 1990 eleventh-grade group achieved gains over the 1989 eleventh-grade group in all three areas compared. Gains of two percentile points were reported for both Reading Comprehension and Language, and the eleventh-grade group scored above the national average in both areas. Although scoring slightly below the national average, the largest gain of four percentile points was recorded in Mathematics.

Figure 23.
1990 Achievement Gain for Grade Eleven



Achievement Growth. The 1990 eleventh-grade group is approximately the same as the 1989 tenth-grade group. This group showed growth in all three areas. The most substantial growth was recorded in Language, where an increase in eight percentile points was recorded. As shown in Figure 24, smaller increases of 1 and 2 points, respectively, were observed in Reading Comprehension and Mathematics.

Figure 24.
1989 and 1990 Percentile–Rank Averages for the 1990 Grade 11 Group

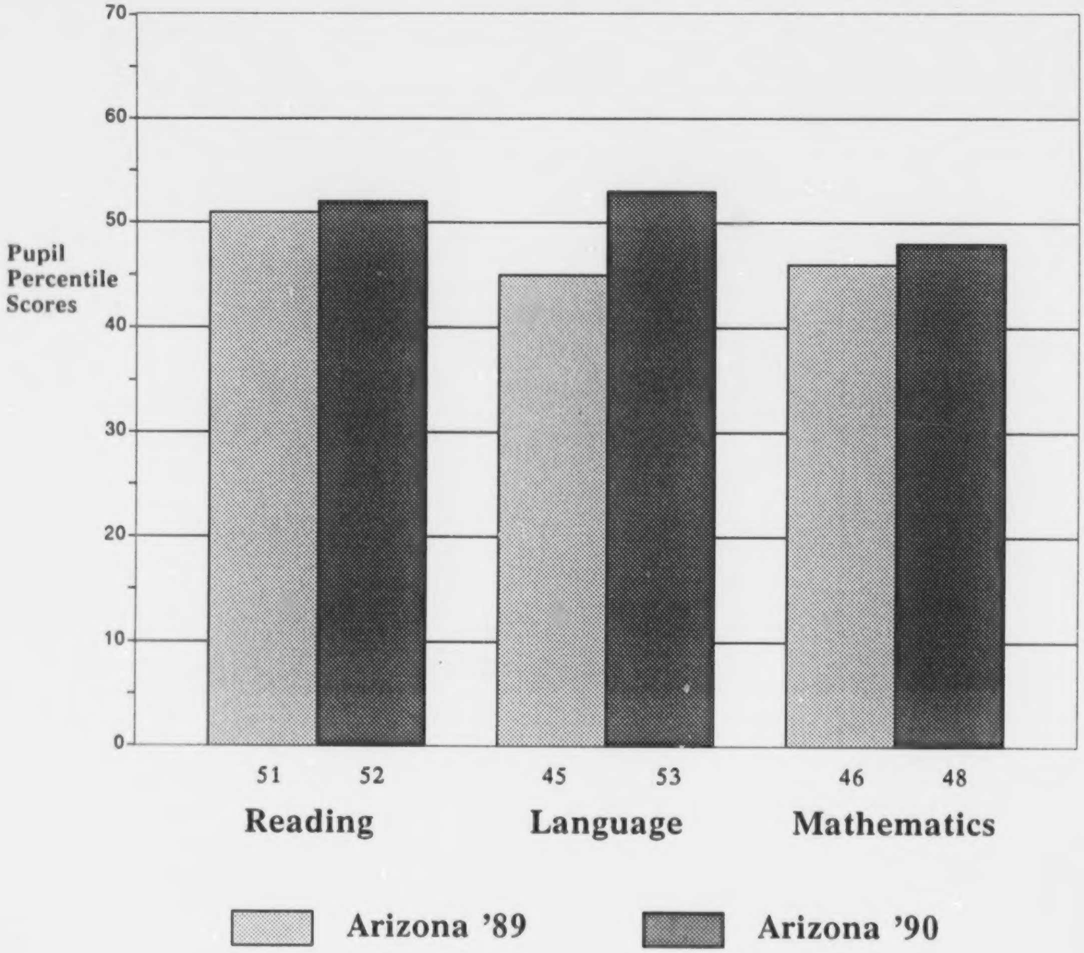


Table 33

COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE ELEVEN (INDIVIDUAL NORMS)

	NATIONAL NORMS[a]			ARIZONA AVERAGES[a]		
	Grade Equivalent	Percentile Rank[b]	Stanine[b]	Grade Equivalent	Percentile Rank[b]	Stanine[b]
Reading Comprehension	120.0	49	5	123.2	52	5
Mathematics	119.1	49	5	119.0	48	5
Written Expression	114.3	48	5	118.2	53	5
Using Sources of Information	122.1	49	5	124.4	51	5
Composite - Basic	119.3	49	5	122.8	51	5

[a] Derived from mean scaled score.

[b] Based on individual norms.

Table 34
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES
GRADE ELEVEN (GROUP NORMS)

	NATIONAL NORMS[a]			ARIZONA AVERAGES[a]		
	Grade Equivalent	Percentile Rank[b]	Stanine[b]	Grade Equivalent	Percentile Rank[b]	Stanine[b]
Reading Comprehension	120.0	40	5	123.2	48	5
Mathematics	119.1	44	5	119.0	41	5
Written Expression	114.3	43	5	118.2	54	5
Using Sources of Information	122.1	44	5	124.4	49	5
Composite - Basic	119.3	42	5	122.8	48	5

[a] Derived from mean scaled score.

[b] Based on group norms.

Table 35
ANALYSIS BY VARIABLES
GRADE ELEVEN

	READING				LANGUAGE				MATHEMATICS			
	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]	Number	%	Grade Equiv.	Percentile[a]
Sex												
Male	15,458	49.5	122	50	15,409	49.5	113	47	15,401	49.5	121	51
Female	15,355	49.2	125	54	15,310	49.2	124	59	15,271	49.1	117	46
No Response	415	1.3	106	34	416	1.3	102	35	410	1.3	98	25
Primary Language												
English	25,762	82.5	122	52	25,730	82.6	121	56	25,670	82.6	122	52
Spanish	2,120	6.8	96	25	2,100	6.7	99	33	2,089	6.7	96	25
Spanish exclusively	118	0.4	93	22	115	0.4	94	29	115	0.4	93	22
Navajo	478	1.5	95	23	477	1.5	97	31	477	1.5	95	23
Navajo exclusively	39	0.1	97	24	38	0.1	100	35	39	0.1	97	24
Other	399	1.3	126	57	396	1.3	109	43	395	1.3	126	57
Other exclusively	29	0.1	115	40	29	0.1	103	37	28	0.1	115	40
No Response	2,283	7.3	117	45	2,250	7.2	116	49	2,269	7.3	117	45
Racial/Ethnic												
White	18,650	59.7	133	62	18,623	59.8	124	59	18,615	59.9	127	58
Black	1,054	3.4	103	33	1,057	3.4	104	38	1,050	3.4	98	25
Hispanic	6,337	20.3	106	35	6,307	20.3	107	40	6,271	20.2	103	31
American Indian or Alaskan	1,938	6.2	98	29	1,934	6.2	104	38	1,933	6.2	101	29
Asian or Pacific Islander	757	2.4	126	54	754	2.4	126	61	744	2.4	139	69
No Response	2,492	8.0	122	51	2,460	7.9	116	50	2,469	7.9	118	46

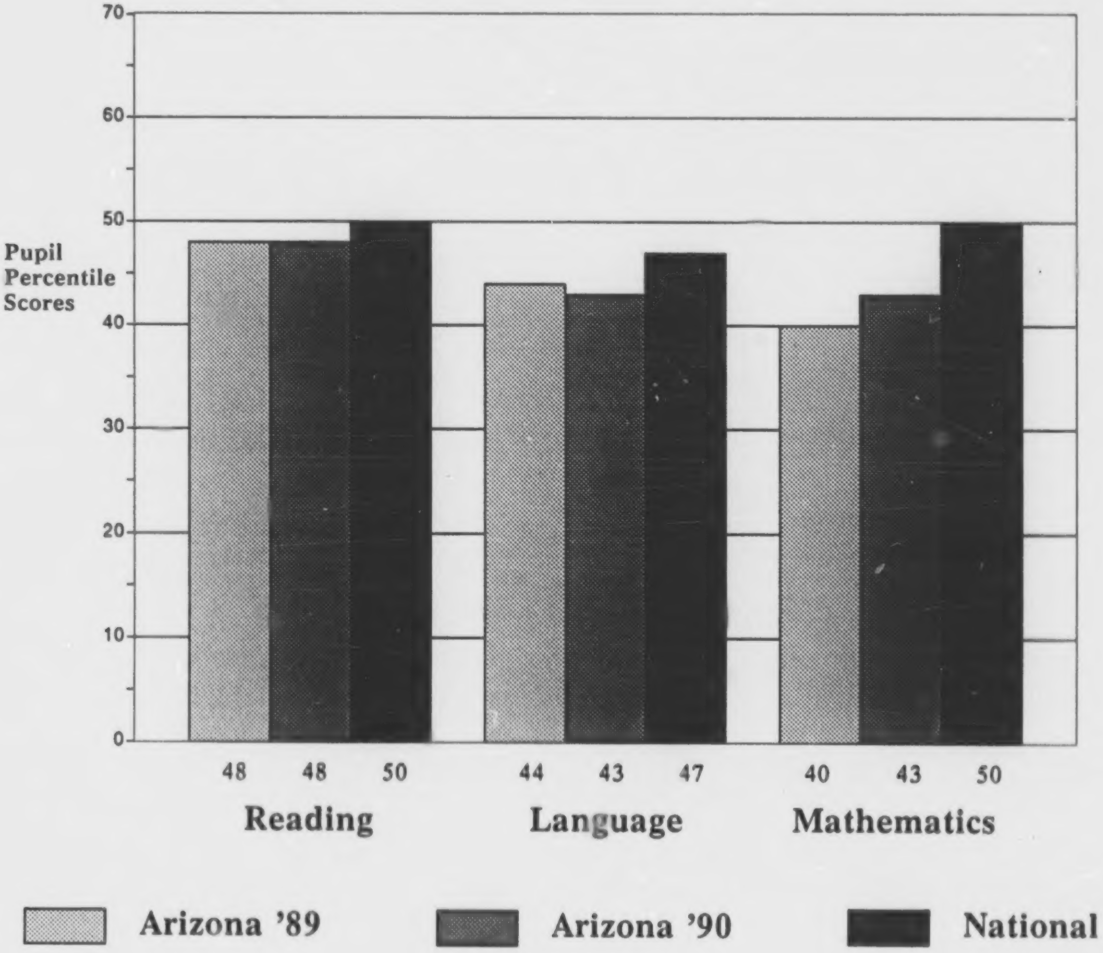
[a] Based on individual norms.

GRADE 12

Strengths and Weaknesses. The scores for grade 12 were based on a representative sample of twelfth graders. Average scores for none of the four administered tests exceeded the national average. Average grade-equivalent scores ranged from 115.8 on Written Expression to 125.3 on Reading Comprehension. The national percentile ranks of average scores ranged from 43 to 48, with a median of 44. None of the average scores was above the national median.

Achievement Gain. Comparisons of average scores obtained by the 1989 and 1990 representative samples of twelfth graders are shown in Figure 25. The national percentile ranks of the average scores remained the same for Reading Comprehension. Although there was a one percentile drop in Language, a strong gain of three percentile points was gained in Mathematics. The averages for all three areas were below the national average.

Figure 25.
1990 Achievement Gain for Grade Twelve



Achievement Growth. While the average scores obtained for 1989 eleventh graders were based on census testing and those for grade 12 were based on a weighted representative sample, growth comparisons may be made for the current twelfth-grade group. Figure 26 shows modest declines in the percentile ranks of average scores in Reading Comprehension and Mathematics. A more substantial decline is shown in Language.

Figure 26.
1989 and 1990 Percentile-Rank Averages for the
1990 Grade 12 Group

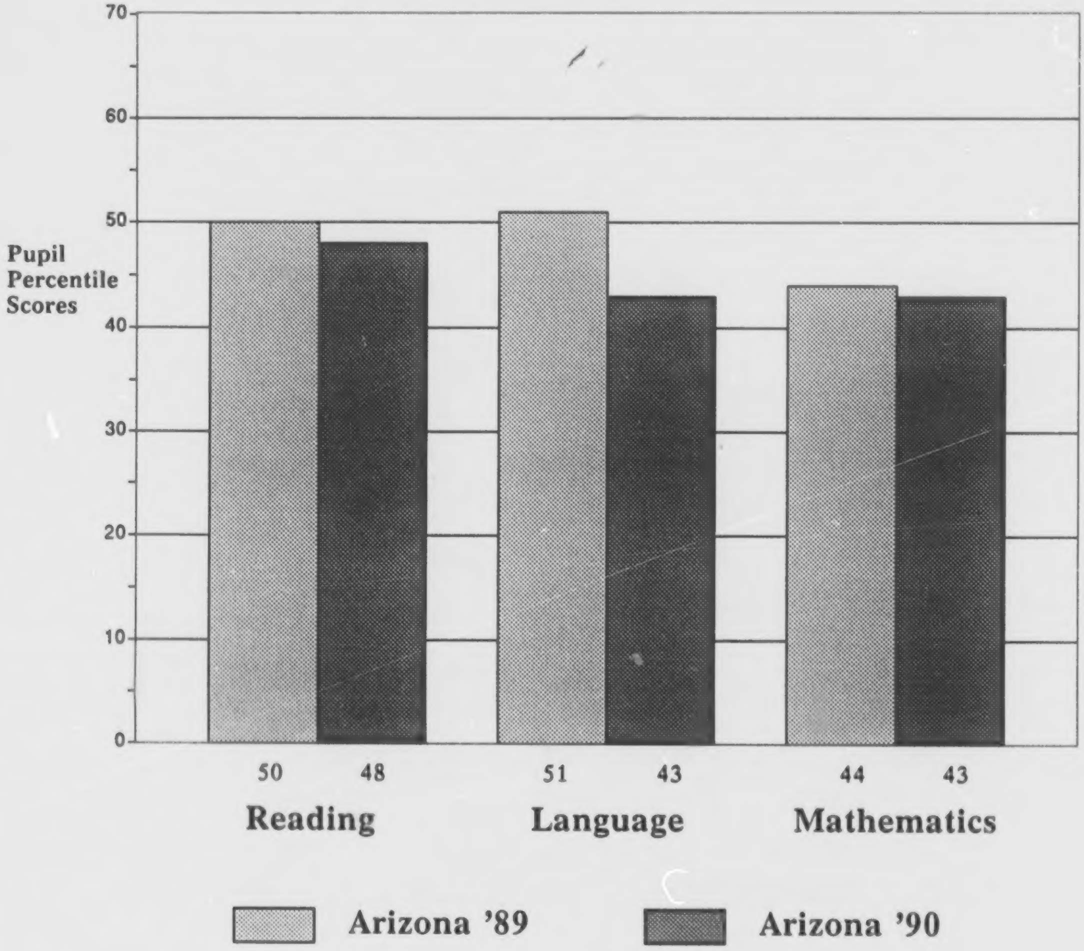


Table 36
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE TWELVE (INDIVIDUAL NORMS)

	NATIONAL NORMS[a]			ARIZONA AVERAGES[a]		
	Grade Equivalent	Percentile Rank[b]	Stanine[b]	Grade Equivalent	Percentile Rank[b]	Stanine[b]
Reading Comprehension	126.9	50	5	125.3	48	5
Mathematics	124.2	50	5	118.5	43	5
Written Expression	119.5	47	5	115.8	43	5
Using Sources of Information	128.9	49	5	122.7	44	5
Composite - Basic	126.0	49	5	122.4	44	5

[a] Derived from mean scaled score.

[b] Based on individual norms.

Table 37
COMPARISON OF 1988 NATIONAL NORMS AND 1990 ARIZONA AVERAGES GRADE TWELVE (GROUP NORMS)

	NATIONAL NORMS[a]			ARIZONA AVERAGES[a]		
	Grade Equivalent	Percentile Rank[b]	Stanine[b]	Grade Equivalent	Percentile Rank[b]	Stanine[b]
Reading Comprehension	126.9	38	4	125.3	36	4
Mathematics	124.2	39	4	118.5	27	4
Written Expression	119.5	42	5	115.8	29	4
Using Sources of Information	128.9	39	4	122.7	28	4
Composite - Basic	126.0	41	5	122.4	31	4

[a] Derived from mean scaled score.

[b] Based on group norms.

GENERAL SUMMARY OF FINDINGS

Arizona pupils collectively scored in the average range in Reading, Language, and Mathematics across all twelve grades. In general, they performed at about the same level of achievement as average pupils in grades 9 through 12 across the nation, based on the 1987-88 national norms.

Strengths and Weaknesses. Arizona reading scores exceeded national means in grades 7-11. Language scores matched or exceeded national means in grades 1, 2, and 7-11. The Arizona mean for mathematics exceeded the national mean in grades 2 and 5. Hence, Arizona 1990 mean student scores exceeded national means in 14 (39%) of the 36 grade level/subject area scores evaluated. This is an increase from 11 (31%) in 1989. Average stanine scores in all three areas were well within the average range of 4-6 across all 12 grades.

Achievement Gains. Average national percentile rank 1990 scores in Reading, Language, and Mathematics in each of grades 1-12 were compared with average scores obtained in those grades in 1989. Gains in scores were observed in Reading Comprehension in every grade except grades 3, 4, and 12, where the 1990 average scores were the same as in 1989. In Language, gains were observed in grades 1, 2, and 7-11. Average scores remained the same in grades 3, 5, and 6, while a decline was seen at grades 2 and 12. Average Mathematics percentile-rank scores showed gains in all but grade 2, where the 1990 average score declined from 1989. Of the 36 comparisons made, 27 (75%) showed gains, 6 (17%) remained the same, and 3 (8%) average scores were lower than in 1989.

Achievement Growth. Achievement growth comparisons were made from all three subject areas in each of grades 2-12. These 33 comparisons were made by comparing average percentile rank scores for 1990 grade groups with those obtained by approximately the same groups when they were in the previous grade-level group in 1989. Positive growth in Reading Comprehension was obtained by 1990 groups in grades 2, 4, 5, 7, 8, 9, and 11. Declines in average percentile rank scores were noted for grades 3, 10, and 12, while grade 6 average scores remained the same. Growth in Language occurred in grades 5, 7, 8, and 11. Score declines occurred in the other grades. Mathematics growth was observed in every grade except 3 and 12, where the scores declined, and in grade 9 where there was no change. Of the 33 comparisons, 19 (58%) showed growth, 2 (6%) remained the same, and 12 (36%) declined.

Gender. Average Reading scores for females were higher than those for males at all grade levels. The differences ranged from one month at grades 2 and 3 to 7 months at grade 9. The median difference was 2 months. A similar pattern was observed for Language, except that the differences were greater and tended to increase at each succeeding grade level. The differences ranged from 3 months at grades 2 and 3 to 12 months at grade 11. The median difference was 5.5 months. Males scored as high or higher than females in grades 2, 3, and 8-11. The differences ranged from 0 months in grades 3 and 8 to 5 months in grade 10, with a median difference of 2 months. Female average scores were one month higher than male scores in each of grades 4-7.

Racial/Ethnic. The racial/ethnic classifications used were White, Black, Hispanic, American Indian/Alaskan Native and Asian/Pacific Islander. The White group comprised approximately 62% of the total number of pupils tested; the Black group accounted for approximately 4% of the total; the Hispanic group approximately 22%; the American Indian/Alaskan Native group approximately 6% and the Asian/Pacific Islander approximately 2% of Arizona pupils tested. No racial/ethnic background was indicated for approximately 4% of the pupils tested.

The White and Asian/Pacific Islander groups scored at or above the national average across all grade levels. The White group scored as high or higher than the Asian/Pacific Islander group in Reading Comprehension at all but grades 6 and 8. The Asian/Pacific Islander group scored as well or better than the White group at all grade levels in Language and Mathematics.

The Black, Hispanic, and American Indian/Alaskan Native Groups scored below the national average in all subject areas at all grade levels except for Language in grade 8, where the Black group scored at the national average. The Black and Hispanic groups scored at about the same average levels in Reading, generally higher than the American Indian/Alaskan Native group. The Black group tended to score slightly higher than the other two groups in Language, while the Hispanic group tended to outperform the other two groups in Mathematics.

In summary, the data in this report show:

- Arizona Pupils scored in the average stanine range in all subject areas at all grade levels.
- Reading performance was above the national average in grades 7-11.
- Reading performance at grades 1 and 4-11 was higher in 1990 than it was for the same grades in 1989.
- Grade groups at grades 2, 3-9, and 11 scored as well or better in Reading than they did in 1989 when they were in the preceding grades.
- Language performance was at or above the national average in grades 1, 2, and 7-11.
- Language performance was as high or higher in 1990 than in 1989 at every grade level except in grades 2 and 12.
- The 1990 groups in grades 5, 7, 8, and 11 performed at a higher average level of performance than they did in 1989 when enrolled in the preceding grades.
- Average scores in Mathematics were above the national average in grades 1 and 5, and below the national average in all other grades.
- Mathematics performance in grades 1 and 3-12 was higher in 1990 than it was in 1989.
- Growth over 1989 percentile-ranks of average scores in Mathematics was achieved in 1990 for the groups in grades 2, 4-8, 10, and 11.
- Females tended to outscore males in reading and language. Males tended to score somewhat higher than females in mathematics.
- The White and Asian/Pacific Islander groups scored above the national averages for Reading Comprehension, Language, and Mathematics at all grade levels. The Black, Hispanic, and American Indian/Alaskan Native groups tended to score below the national average.

Appendix to the Statewide Report

For

Arizona Pupil Achievement Testing

June 1990

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1912

Arizona Department of Education

C. Diane Bishop, Superintendent

1535 West Jefferson
Phoenix, Arizona 85007

Appendix to the Statewide Report

For

Arizona Pupil Achievement Testing

June 1990

Arizona Department of Education
C. Diane Bishop, Superintendent

1535 West Jefferson
Phoenix, Arizona 85007

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Appendix A 1990 Percentile Ranks* for Individuals for **Reading** on the Iowa Tests of Basic Skills (Grades 1-8) and the Tests of Achievement and Proficiency (Grades 9-12) **1A-47A Reading**

Appendix B 1990 Percentile Ranks* for Individuals for **Language** on the Iowa Tests of Basic Skills (Grades 1-8) and the Tests of Achievement and Proficiency (Grades 9-12) **1B-47B Language**

Appendix C 1990 Percentile Ranks* for individuals for **Mathematics** on the Iowa Tests of Basic Skills (Grades 1-8) and the Tests of Achievement and Proficiency (Grades 9-12) **1C-47C Mathematics**

* Percentile ranks (PR) for individuals are developed from the distribution of individual pupils scores. On the ITBS, PRs for individuals are derived from the mean Grade Equivalent (GE). On the TAP, the PRs for individuals are derived from the mean Developmental Standard Score (DSS).

The subjects or reading, language and mathematics for the **1990 Arizona Pupil Achievement Program** are composed of the following subtests:

Grades/Test	**Series**	**Subject Areas**	**Subtests**
Grades 1-8	ITBS	Reading	Reading Comprehension (R)*
		Language	Spelling (L-1) Capitalization (L-2) Punctuation (L-3) Usage and Expression (L-4)
		Mathematics	Mathematics Concepts (M-1) Mathematics Problem Solving (M-2) Mathematics Computation (M-3)
Grades 9-12	TAP	Reading	Reading Comprehension
		Language	Written Expression
		Mathematics	Mathematics

* The reading tests at grades 1 and 2 are composed of Pictures (R-1), Sentences (R-2) and Stories (R-3), but only one reading score is given on the reports. Separate scores are given for all other subtests at all levels (e.g., L-1, L-2, M-3, etc.).

Appendix A

1990 Percentile Ranks for Individuals for **Reading** on the

- Iowa Tests of Basic Skills (Grades 1 - 8)
- Tests of Achievement and Proficiency (Grades 9 - 12)

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ARIZONA PUPIL ACHIEVEMENT TESTING

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
APACHE		26	28	29	32	33	38	35	29	28	31	
ST JOHNS UNIFIED DIS		58	54	54	43	50	56	62	61	58	62	
CORONADO ELEMENTARY		58	54									
ST JOHNS MIDDLE				54	43	50	56	62				
ST JOHNS HIGH SCHOOL									61	58	62	
WINDOW ROCK UNIFIED		22	23	25	31	34	37	35	29	29	30	
FT DEFIANCE SCHOOL		18	21	24	28							
WINDOW ROCK SCHOOL		28	25	26	34							
TSO HO TSO MIDDLE						34	37	35				
WINDOW ROCK H. S.									29	29	30	
ROUND VALLEY UNIFIED		63	60	54	58	52	58	55	60	58	58	
ROUND VALLEY PRIMARY		63										
ROUND VALLEY MIDDLE						52	58	55				
ROUND VALLEY H. S.									60	58	58	
ROUND VALLEY INTER			60	54	58							
SANDERS UNIFIED DIST		9	11	24	19	24	28	22	21	21	15	
SANDERS ELEMENTARY		9	11	24	19							
SANDERS JUNIOR HIGH						24	28	22				
VALLEY HIGH SCHOOL									21	21	15	
GANADO UNIFIED DISTR		13	17	18	29	28	27	30	17	18	27	
GANADO PRIMARY		13										
GANADO INTERMEDIATE			17	18	29							
GANADO MIDDLE SCHOOL						28	27	30				
GANADO HIGH SCHOOL									17	18	27	
CHINLE UNIFIED DISTR		17	21	22	25	25	29	24	20	20	24	
CHINLE ELEMENTARY				23	25	24						
CHINLE JUNIOR H. S.							28	23				

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
MANY FARMS SCHOOL		17	23	17	26	34						
TSAILE SCHOOL		16	18	27	28	23	35	32				
CHINLE PRIMARY		17	21									
CHINLE HIGH SCHOOL									20	20	24	
RED MESA UNIFIED DIS		12	16	13	18	17	23	18	17	10	12	
RED MESA SCHOOL		12	17	14	20	19	25	18				
ROUND ROCK SCHOOL		12	12	12	14	12	18	20				
RED MESA HIGH SCHOOL									17	10	12	
CONCHO ELEM DISTRICT		66	35	38	36	39	53	41				
CONCHO SCHOOL		66	35	38	36	39	53	41				
ALPINE ELEM DISTRICT		44	56	43	66	41	81	39				
ALPINE SCHOOL		44	56	43	66	41	81	39				
VERNON ELEMENTARY DI		54		67	57							
VERNON SCHOOL		54		67	57							
MCNARY ELEM DISTRICT		8	20	22	21	20	14	34				
MCNARY SCHOOL		8	20	22	21	20	14	34				

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
COCHISE		43	45	47	53	50	52	54	54	55	54	
FT HUACHUCA ACCOM SC		54	51	49	54	52	51	55				
GENERAL MYER SCHOOL				49	54							
COLONEL JOHNSTON		54	51									
COLONEL SMITH MIDDLE						52	51	55				
TOMBSTONE UNIFIED DI		57	46	45	47	43	48	52	55	54	54	
HUACHUCA CITY SCHOOL		53	39	46	42	39	44	46				
WALTER J MEYER		69	63	45	62	58	59	73				
TOMBSTONE HIGH									55	54	54	
BISBEE UNIFIED DISTR		36	39	43	60	46	51	53	43	51	48	
BISBEE HIGH SCHOOL									43	51	48	
GREENWAY SCHOOL		36	39									
LOWELL SCHOOL				43	60	46	51	53				
WILLCOX UNIFIED DIST		44	43	51	59	47	54	49	57	59	60	
WILLCOX ELEMENTARY		44	43	51								
WILLCOX MIDDLE					59	47	54	49				
WILLCOX HIGH SCHOOL									57	59	60	
BOWIE UNIFIED DISTRI		36	33	30	22	42	56	41	33	47	58	
BOWIE SCHOOL		36	33	30	22	42	56	41				
BOWIE HIGH SCHOOL									33	47	58	
SAN SIMON UNIFIED DI		54	41	54	60	58	59	62	72	57	54	
SAN SIMON SCHOOL		54	41	54	60	58	59	62				
SAN SIMON H. S.									72	57	54	
ST DAVID UNIFIED DIS		76	55	57	73	57	73	61	61	58	58	
ST DAVID SCHOOL		76	55	57	73	57	73	61				
ST DAVID HIGH SCHOOL									61	58	58	

ARIZONA PUPIL ACHIEVEMENT TESTING

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
DOUGLAS UNIFIED DIST		28	26	32	40	35	37	43	45	44	49	
A AVENUE SCHOOL		26	25	28	38							
CLAWSON SCHOOL		17	25	25	42							
FIFTEENTH STREET		37	32	25	30							
JOE CARLSON SCHOOL		34	27	44	38							
FARAS SCHOOL		11	26	24	43							
SARAH MARLEY SCHOOL		13	19	29	31							
STEVENSON SCHOOL		53	32	39	49							
DOUGLAS JUNIOR HIGH						28	25	28				
PAUL H. HUBER JHS						41	48	56				
DOUGLAS HIGH SCHOOL									45	44	49	
SIERRA VISTA UNIFIED		45	54	56	58	60	57	62	60	59	58	
CARMICHAEL SCHOOL		40	41	52	43	47						
VILLAGE MEADOWS		41	44	59	63	59						
BELLA VISTA SCHOOL		56	63	46	50	65						
SIERRA VISTA MIDDLE							57	62				
BUENA HIGH SCHOOL									60	59	58	
PUEBLO DEL SOL		45	59	52	61	52						
TOWN AND COUNTRY		47	54	61	53	68						
HUACHUCA MOUNTAIN		33	60	65	68	62						
NACO ELEM DISTRICT		35	24	32	38	48	56	49				
NACO SCHOOL		35	24	32	38	48	56	49				
COCHISE ELEM DISTRIC		76	66	37	53	64	68	70				
COCHISE SCHOOL		76	66	37	53	64	68	70				
APACHE ELEM DISTRICT		61		57		81		63				
APACHE SCHOOL		61		57		81		63				
DOUBLE ADOBE ELEM DI		28	53	30	67	87						
DOUBLE ADOBE SCHOOL		28	53	30	67	87						

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ARIZONA PUPIL ACHIEVEMENT TESTING

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
PALOMINAS ELEM DISTR		55	58	56	66	54	70	54				
PALOMINAS SCHOOL		55	58	56	66	54	70	54				
MCNEAL ELEM DISTRICT		93	41	50	82	53	50	83				
MCNEAL SCHOOL		93	41	50	82	53	50	83				
BENSON ELEM DISTRICT		49	47	43	47	51	57	56				
BENSON PRIMARY		49	47	43								
BENSON MIDDLE SCHOOL					47	51	57	56				
ELFRIDA ELEM DISTRIC		32	31	48	30	52	52	48				
ELFRIDA ELEMENTARY		32	31	48	30	52	52	48				
PEARCE ELEM DISTRICT		39	26	50	58	53	68	51				
PEARCE SCHOOL		39	26	50	58	53	68	51				
ASH CREEK ELEM DISTR		53	65	39	53	60	49	60				
ASH CREEK SCHOOL		53	65	39	53	60	49	60				
POMERENE ELEM DISTRI		57	51	74	54	59	52	72				
POMERENE SCHOOL		57	51	74	54	59	52	72				
BENSON UNION HIGH SC									61	62	47	
BENSON UNION H. S.									61	62	47	
VALLEY UNION H.S.									53	59	57	
VALLEY UNION H. S.									53	59	57	

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
COCONINO		49	51	53	57	55	51	53	50	51	49	
FLAGSTAFF UNIFIED DI		57	56	59	61	60	55	59	58	58	57	
MANUEL DEMIGUEL		72	61	65	65	69						
CROMER ELEMENTARY		50	47	56	55	54						
LURA KINSEY SCHOOL		52	55	57	58	61						
EVA MARSHALL SCHOOL		64	57	68	65	62						
W F KILLIP SCHOOL		40	34	30	43	45						
SOUTH BEAVER SCHOOL		48	45	37	54	54						
THOMAS R WEITZEL		55	59	61	58	63						
CHARLES W SECHRIST		70	70	71	68	69						
JOHN Q THOMAS SCHOOL		58	60	57	66	57						
NEIL V CHRISTENSEN		44	52	56	68	57						
LEUPP SCHOOL		40	33	35	34	30	37	38				
SEDONA SCHOOL		56	67	63	72	75	63	78				
KNOLES ELEMENTARY		71	62	68	71	72						
FLAGSTAFF JHS							58	63				
EAST FLAGSTAFF JHS							54	56				
FLAGSTAFF HIGH									62	58	60	
COCONINO HIGH SCHOOL									56	55	54	
SINAQUA HIGH SCHOOL									58	63		
WILLIAMS UNIFIED DIS		64	52	56	58	60	52	58	59	46	52	
WILLIAMS ELEMENTARY		64	52	56	58	60	52	58				
WILLIAMS HIGH SCHOOL									59	46	52	
GRAND CANYON UNIFIED		49	51	57	69	62	69	55	64	50	40	
GRAND CANYON SCHOOL		49	51	57	69	62	69	55				
GRAND CANYON H. S.									64	50	40	
FREDONIA/MOCCASIN		46	48	56	57	46	50	53	56	50	48	
FREDONIA MOCCASIN		47	44	56	57	46	50	53				
MOCCASIN SCHOOL		36	61									
FREDONIA MOCCASIN HS									56	50	48	

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
PAGE UNIFIED DISTRIC		37	42	47	52	54	51	48	42	47	43	
DESERT VIEW ELEM		38	44	43	53							
PAGE MIDDLE SCHOOL						54	51	48				
PAGE HIGH SCHOOL									42	47	43	
LAKE VIEW ELEMENTARY		36	40	50	50							
TUBA CITY UNIFIED DI		30	36	32	38	34	37	35	29	29	26	
CAMERON PRIMARY		22	61									
GAP/BODEWAY PRIMARY		24	22									
EAGLE'S NEST MID				32	38	34						
TUBA CITY JUNIOR H S							37	35				
TUBA CITY PRIMARY		31	34									
TUBA CITY H. S.									29	29	26	
MAINE CONSOLIDATED E		44	57	54	66	73						
MAINE CONSOLIDATED S		44	57	54	66	73						

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
GILA		47	38	45	47	45	47	47	53	46	49	
GLOBE UNIFIED DISTRI		55	40	47	49	52	52	56	49	41	38	
EAST GLOBE SCHOOL					49	52						
GLOBE JR. H. S.							52	56				
COPPER RIM ELEM		55	40	47								
GLOBE HIGH SCHOOL									49	41	38	
PAYSON UNIFIED DISTR		51	50	52	57	51	54	52	57	56	57	
JULIA RANDALL SCHOOL		46	47	42	52	46						
PAYSON HIGH SCHOOL									57	56	57	
PAYSON JUNIOR H. S.							54	52				
PAYSON ELEMENTARY		56	53	61	60	57						
SAN CARLOS UNIFIED		21	17	25	26	24	29	25				
RICE ELEMENTARY		21	17	25	26	24	29	25				
MIAMI UNIFIED DISTRI		61	42	48	47	46	46	51	54	47	55	
CENTRAL HEIGHTS		72	36	51								
INSPIRATION ADDITION		47	42	42								
LAS LOMAS SCHOOL		61	44	50								
BULLION PLAZA SCHOOL					47	46						
MIAMI HIGH SCHOOL									54	47	55	
LEE KORNEGAY JHS							46	51				
HAYDEN WINKELMAN UNI		27	30	37	31	43	36	37	56	38	45	
WINKELMAN PRIMARY		27	30									
LEONOR HAMBLY JHS							36	37				
HAYDEN HIGH SCHOOL									56	38	45	
WINKELMAN INTERMED				37	31	43						
YOUNG ELEM DISTRICT		61	70	60		52	60	60	42	43	55	
YOUNG ELEMENTARY		61	70	60		52	60	60				
YOUNG TEACHING HIGH									42	43	55	

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
PINE ELEM DISTRICT		67	45	56	62	52	54	53				
PINE SCHOOL		67	45	56	62	52	54	53				
TONTO BASIN ELEM DIS		61	45	61	58	49	64	47				
TONTO BASIN SCHOOL		61	45	61	58	49	64	47				

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
GRAHAM		51	45	49	53	49	48	53	53	46	50	
SAFFORD UNIFIED DIST		47	43	50	57	52	47	53	51	55	51	
DOROTHY STINSON ELEM		47										
SAFFORD HIGH SCHOOL									51	55	51	
LAFE NELSON SCHOOL			43	50	57							
SAFFORD MIDDLE						52	47	53				
THATCHER UNIFIED DIS		60	55	58	59	56	52	57	65	43	56	
THATCHER ELEMENTARY				58	59	56						
THATCHER HIGH SCHOOL									65	43	56	
JACK DALEY PRIMARY		60	55									
THATCHER MIDDLE							52	57				
PIMA UNIFIED DISTRIC		67	51	54	49	45	46	53	60	36	34	
PIMA ELEMENTARY		67	51	54	49	45						
PIMA HIGH SCHOOL							46	53	60	36	34	
FT THOMAS UNIFIED DI		31	20	18	18	26	36	33	22	24	27	
FT THOMAS ELEMENTARY		31	20	18	18	26						
FT THOMAS H. S.							36	33	22	24	27	
SOLOMONVILLE ELEM DI		32	41	35	48	33	62	37				
SOLOMONVILLE SCHOOL		32	41	35	48	33	62	37				
BONITA ELEM DISTRICT		70	43	52	67	47	65	48				
BONITA SCHOOL		70	43	52	67	47	65	48				

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COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
GREENLEE		56	39	49	51	53	55	53	54	46	47	
DUNCAN UNIFIED DISTR		54	41	60	50	54	56	57	54	41	43	
DUNCAN SCHOOL		54	41	60	50	54	56	57				
DUNCAN HIGH SCHOOL									54	41	43	
CLIFTON UNIFIED DIST		54	34	36	43	47	50	50	45	41	38	
LAUGHARN SCHOOL		54	34	36	43	47	50	50				
CLIFTON HIGH SCHOOL									45	41	38	
MORENCI UNIFIED DIST		57	39	49	53	55	57	53	57	55	54	
FAIRBANKS SCHOOL		57	39	49	53	55						
MORENCI JR/SR HIGH							57	53	57	55	54	
BLUE ELEM DISTRICT							65					
BLUE SCHOOL							65					
EAGLE ELEM DISTRICT			59					27				
EAGLE ELEM SCHOOL			59					27				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
MARICOPA		53	49	50	52	52	55	55	60	57	55	
WILLIAMS AFB ACCOM S		59	42	44	62	54	52	47	57			
WILLIAMS AFB ACCOM		59	42	44	62	54	52	47	57			
HORSE MESA ACCOM SCH		12	36	18	10	11	12	28	14	14	16	
HORSE MESA ACCOM		12	36	18	10	11	12	28				
ESTRELLA MOUNTAIN HS									14	14	16	
MESA UNIFIED DISTRIC		57	52	54	56	57	59	61	66	61	59	
ADAMS SCHOOL		43	42	43	43	46						
ALMA SCHOOL		73	62	59	65	70						
EDISON SCHOOL		51	48	53	52	52						
EMERSON SCHOOL		54	45	50	61	53						
FRANKLIN SCHOOL		66	63	68	67	67						
HAWTHORNE SCHOOL		53	52	60	66	63						
HOLMES SCHOOL		47	39	38	44	45						
IRVING SCHOOL		56	53	58	56	59						
JEFFERSON SCHOOL		51	32	39	49	43						
LEHI SCHOOL		51	39	46	52	50						
LINCOLN SCHOOL		53	34	35	42	37						
LONGFELLOW SCHOOL		41	41	37	42	50						
LOWELL SCHOOL		41	36	33	36	41						
WEBSTER SCHOOL		47	43	42	34	41						
WHITTIER SCHOOL		54	49	51	52	57						
WHITMAN SCHOOL		52	45	40	40	43						
TAFT SCHOOL		41	46	39	44	47						
HALE SCHOOL		52	59	63	66	69						
EISENHOWER SCHOOL		45	49	49	52	47						
ROOSEVELT SCHOOL		58	56	65	58	60						
LINDBERGH SCHOOL		48	43	41	48	55						
REDBIRD SCHOOL		43	44	52	53	54						
SALK SCHOOL		53	51	56	44	47						
FIELD SCHOOL		60	59	63	64	68						
WASHINGTON SCHOOL		69	67	72	73	66						
STEVENSON SCHOOL		43	45	39	34	39						
KELLER SCHOOL		51	45	52	48	51						

ARIZONA PUPIL ACHIEVEMENT TESTING

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
MACARTHUR SCHOOL		72	64	66	69	70						
JORDAN SCHOOL		71	59	66	65	68						
POMEROY SCHOOL		66	54	57	61	58						
HIGHLAND SCHOOL		62	70	64	59	65						
CRISMON SCHOOL		66	61	57	67	66						
ROBSON SCHOOL		62	62	71	59	64						
SIRRINE SCHOOL		73	62	60	60	65						
JOHNSON SCHOOL		65	57	64	52	56						
SANDRA DAY O'CONNER		62	56	56	55	59						
FROST ELEMENTARY		66	57	59	61	52						
MENDOZA ELEMENTARY		52	54	58	51	60						
ISHIKAWA ELEMENTARY		66	61	67	70	70						
MADISON ELEMENTARY		62	58	54	55	51						
SOUSA ELEMENTARY		55	38	44	51	57						
HERMOSA VISTA		60	57	58	55	66						
MESA JUNIOR HIGH							52	54	57			
CARSON JUNIOR HIGH							56	58	60			
KINO JUNIOR HIGH							62	63	70			
FREMONT JUNIOR HIGH							49	50	56			
POWELL JUNIOR HIGH							53	53	67			
POSTON JUNIOR HIGH							68	72	75			
RHODES JUNIOR HIGH							68	72	73			
TAYLOR JUNIOR HIGH							61	60	67			
HENDRIX JUNIOR HIGH							63	61	70			
SHEPHERD JUNIOR HIGH							60	62	67			
MESA VO-TECH										29	30	
MESA HIGH SCHOOL										59	57	
WESTWOOD HIGH SCHOOL										59	54	
MOUNTAIN VIEW HIGH										70	67	
DOBSON HIGH SCHOOL										66	63	
RED MOUNTAIN HIGH										55	57	
MESA VISTA						40	29	26	25	35	35	
TAPP								31	56	54	52	
SALT RIVER VISTA							11	5	14	13	17	
WICKENBURG UNIFIED D		58	54	53	57	63	55	61	57	57	55	
MACLENNAN SCHOOL		58	54									
VULTURE PEAK SCHOOL				53	57	63	55	61				
WICKENBURG H. S.									57	57	55	

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
PEORIA UNIFIED DISTR		64	57	57	59	58	59	59	61	57	53	
PEORIA ELEMENTARY		53	54	44	51	44	43	48				
IRA A MURPHY SCHOOL		52	46	42	48	51	43	56				
KACHINA SCHOOL		70	57	52	64	60	64	63				
HERITAGE SCHOOL		70	57	64	63	57	63	62				
PIONEER SCHOOL		72	61	61	57	63	64	66				
ALTA LOMA SCHOOL		48	52	43	47	48	49	45				
DESERT PALMS SCHOOL		64	56	60	64	55	57	60				
FOOTHILLS SCHOOL		62	55	61	60	56	68	65				
COPPERWOOD SCHOOL		76	65	57	66	62	61	57				
SUNDANCE SCHOOL		63	54	54	59	61	59	58				
COTTON BOLL ELEM		58	51	58	54	55	59	50				
OAKWOOD		71	64	70	67	69	69	71				
DESERT VALLEY		78	66	68	65	66	63	69				
SAHUARO RANCH		67	57	62	63	59	63	55				
OASIS ELEMENTARY		64	64	59	64	57	60	57				
SUN VALLEY ELEM		51	53	61	51	58	60	62				
SKYVIEW ELEMENTARY		66	63	63	58	62	65					
PEORIA HIGH SCHOOL									54	50	43	
CACTUS HIGH SCHOOL									63	59	58	
IRONWOOD HIGH SCHOOL									64	60	56	
GILA BEND UNIFIED DI		28	29	32	26	30	48	41	42	40	39	
GILA BEND SCHOOL		28	29	32	26	30						
GILA BEND H. S.							48	41	42	40	39	
GILBERT UNIFIED DIST		63	57	59	64	62	65	63	68	64	59	
GILBERT HIGH SCHOOL									68	64	59	
GILBERT JUNIOR HIGH							64	63				
GILBERT ELEMENTARY		60	59	50	60	56						
GREENFIELD ELEMENTAR		61	52	65	67	63						
PATTERSON ELEMENTARY		66	50	60	68	72						
NEELY ELEMENTARY		62	52	57	64	55						
PIONEER ELEMENTARY		58	59	59	63	58						
MESQUITE JUNIOR HIGH							66	64				
ISLANDS ELEMENTARY		66	57	62	57	62						

ARIZONA PUPIL ACHIEVEMENT TESTING

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APRIL 1990

COUNTY DISTRICT SCHOOL	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
	GRADE											
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
HOUSTON ELEMENTARY		67	59	64	67	71						
BURK ELEMENTARY		59	58	55	63	61						
VAL VISTA LAKE		67	70	59	65	64						
SCOTTSDALE UNIFIED D		71	68	65	67	66	66	69	71	69	66	
COCHISE SCHOOL		77	70	75	73	74						
TAVAN SCHOOL		58	57	58	57	55						
INGLESIDE MIDDLE							69	72				
KIVA SCHOOL		74	75	74	76	71						
TONALEA SCHOOL		67	59	60	64	59						
PIMA SCHOOL		65	62	54	66	59						
SUPAI MIDDLE SCHOOL							54	54				
HOPI SCHOOL		75	75	73	72	71						
NAVAJO SCHOOL		55	59	48	54	52						
HOHOKAM SCHOOL		59	64	57	57	50						
YAVA PAI SCHOOL		52	40	48	48	56						
MOHAVE MIDDLE SCHOOL							66	67				
COCOPAH MIDDLE							71	77				
PUEBLO SCHOOL		70	67	62	66	66						
CHEROKEE SCHOOL		80	74	73	81	70						
ANASAZI SCHOOL		76	71	72	72	69						
LAGUNA SCHOOL		75	77	70	71	71						
SEQUOYA SCHOOL		86	75	65	71	72						
ZUNI SCHOOL		76	78	68	68	65						
ARCADIA HIGH SCHOOL									73	68	66	
CORONADO HIGH SCHOOL									63	61	59	
SAGUARO HIGH SCHOOL									72	68	68	
CHAPARRAL H. S.									77	77	70	
ALTERNATIVE H. S.									39	39	47	
PARADISE VALLEY UNIF		63	56	57	59	57	59	61	66	63	60	
CAMPO BELLO SCHOOL		45	49	50	56	49						
GOLD DUST SCHOOL		70	57	56	60	66						
MERCURY MINE SCHOOL		76	69	67	69	68						
VISTA VERDE SCHOOL							58	58				
DESERT SHADOWS		83	67	67	71	66						
SHEA MIDDLE SCHOOL							56	60				
LARKSPUR SCHOOL		64	54	55	47	52						

ARIZONA PUPIL ACHIEVEMENT TESTING

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
PALOMINO SCHOOL		50	39	50	47	46						
INDIAN BEND SCHOOL		63	55	58	59	48						
ARROWHEAD SCHOOL		55	37	48	43	46						
DESERT SHADOWS MIDDL							63	65				
DESERT COVE SCHOOL		63	59	64	66	64						
LIBERTY SCHOOL		71	62	55	62	62						
AIRE LIBRE SCHOOL		55	48	50	51	54						
SANDPIPER SCHOOL		65	66	61	66	63						
VILLAGE VISTA SCHOOL		68	58	59	65	58						
ECHO MOUNTAIN SCHOOL		52	47	51	51	51						
SUNRISE MIDDLE							60	62				
FOOTHILLS		66	57	60	62	54						
NORTH RANCH		69	66	64	63	59						
PARADISE VALLEY HIGH									58	55	53	
SHADOW MOUNTAIN HIGH									68	67	64	
QUAIL RUN SCHOOL		61	49	45	56	49						
HORIZON HIGH SCHOOL									73	69	63	
DESERT SPRINGS		67	67	62	66	54						
EAGLE RIDGE		58	58	62	58	55						
POLARIS ALTERNATIVE									33	52	36	
HIDDEN HILLS SCHOOL		66	50	57	55	61						
CHANDLER UNIFIED DIS		54	51	46	53	53	56	53	58	56	57	
SAN MARCOS ELEM		41	31	37	36	39						
ERIE SCHOOL		62	51	58	52	56						
GALVESTON SCHOOL		51	46	44	36	41						
HARTFORD SCHOOL		53	50	41	56	48						
KNOX SCHOOL		54	43	50	56	60						
ANDERSEN JUNIOR HIGH							58	56	61			
WILLIS JUNIOR HIGH							54	48	55			
FRYE SCHOOL		27	40	38	48	45						
WEINBERG SCHOOL		62	53	53	55	50						
ANDERSEN ELEM		59	59	59	59	59						
CHANDLER HIGH SCHOOL										56	57	
HUMPHREY ELEMENTARY		55	56	51	61	55						
SHUMWAY ELEMENTARY		59	57	44	60	59						
GOODMAN SCHOOL		69	69	58	64	72						

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
DYSART UNIFIED DISTR		39	42	36	29	36	34	32	31	42	32	
DYSART JUNIOR HIGH							34	32				
EL MIRAGE SCHOOL		28	27	28	27	29						
LUKE SCHOOL		54	57	51	45	48						
SURPRISE SCHOOL		34	37	34	17	35						
DYSART HIGH SCHOOL									31	42	32	
KINGSWOOD SCHOOL		33	44	34	36	33						
CAVE CREEK UNIFIED D		60	59	63	64	64	69	58	67	59	58	
BLACK MOUNTAIN			59	63	64							
CAVE CREEK SCHOOL		60										
DESERT ARROYO MIDDLE						64	69	58				
CACTUS SHADOWS H S									67	59	58	
QUEEN CREEK UNIFIED		40	49	46	57	51	48	46	42	42	41	
QUEEN CREEK ELEM		40	49	46	57	51						
QUEEN CREEK JR HIGH							48	46				
QUEEN CREEK H.S.									42	42	41	
DEER VALLEY UNIFIED		54	53	55	57	54	57	61	60	58	56	
CONSTITUTION SCHOOL		48	54	49	52	46						
DEER VALLEY JHS							57	59				
NEW RIVER SCHOOL		52	56	69	67	55						
PARK MEADOWS SCHOOL		49	49	54	52	47						
SUNRISE SCHOOL		50	54	60	55	59						
VILLAGE MEADOWS		49	45	54	57	53						
MOUNTAIN SHADOWS		55	52	51	58	57						
DESERT WINDS SCHOOL		49	50	50	56	49						
MIRAGE SCHOOL		58	47	58	61	54						
DEER VALLEY HIGH SCH									62	59	58	
DESERT SKY JHS							58	62				
BELLAIR SCHOOL		62	59	58	61	65						
GREENBRIER		58	57	54	57	54						
BARRY GOLDWATER H.S.									58	58	54	
ARROWHEAD ELEMENTARY		68	68	54	59	55						

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
FOUNTAIN HILLS UNIFI		65	58	61	61	57	62	66				
FOUR PEAKS					61	57	62	66				
MCDOWELL MTN ELEM		65	58	61								
HIGLEY ELEM DISTRICT		47	54	53	36	53	55	52				
HIGLEY SCHOOL		47	54	53	36	53	55	52				
AGUILA ELEM DISTRICT		15	28	42	15	29	38	20				
AGUILA SCHOOL		15	28	42	15	29	38	20				
SENTINEL ELEM DISTRI		43	89	37	45	57	34	82				
SENTINEL SCHOOL		43	89	37	45	57	34	82				
MORRISTOWN ELEM DIST		28	25	48	64	23	49	57				
MORRISTOWN		28	25	48	64	23	49	57				
NADABURG ELEM DISTRI		46	32	41	38	43	49	50				
NADABURG SCHOOL		46	32	41	38	43	49	50				
MOBILE ELEM DISTRICT		27	18	18		32						
MOBILE ELEMENTARY		27	18	18		32						
RUTH FISHER ELEM DIS		49	43	41	44	50	70	55				
RUTH FISHER SCHOOL		49	43	41	44	50	70	55				
PALOMA ELEM DISTRICT		14	21	31	32	12	42	38				
KISER ELEM.		14	21	31	32	12	42	38				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
PHOENIX ELEM DISTRIC		32	26	31	31	33	34	30				
BETHUNE SCHOOL		28	21	25	26	26	36	35				
CAPITOL SCHOOL		56	28	38	38	42						
DUNBAR SCHOOL		23	23	29	32	23						
EDISON SCHOOL		21	24	26	25	27	27	30				
EMERSON SCHOOL		26	20	37	44	33						
GARFIELD SCHOOL		43	18	27	25	25						
HEARD SCHOOL		45	44	52	40	43	40	32				
HERRERA SCHOOL		13	32	26	27	31	35	25				
KENILWORTH SCHOOL		28	32	28	33	41						
LOWELL SCHOOL		33	21	23	32	36						
OTT SCHOOL		26	28	24	28	40						
SHAW SCHOOL		35	26	39	23	18						
WHITTIER SCHOOL		36	26	39	50	41						
RIVERSIDE ELEM DISTR		14	9	10	7	4	5	4				
RIVERSIDE SCHOOL		14	9	10	7	4	5	4				
TEMPE ELEM DISTRICT		48	44	48	49	52	55	56				
FRANK SCHOOL		31	25	38	40	46						
CARMINATI SCHOOL		53	55	54	53							
BROADMOR SCHOOL		74	63	55	60	66						
THEW SCHOOL		30	30	34	37							
HOLDEMAN SCHOOL		49	39	43	49	37						
LAIRD SCHOOL		37	42	43	41	48						
MEYER SCHOOL		60	46	49	55	55						
EVANS SCHOOL		33	43	41	41							
HUDSON SCHOOL		61	51	51	51	61						
SCALES SCHOOL		49	36	36	51							
CURRY SCHOOL		57	51	60	57							
ARREDONDO SCHOOL		51	45	53	51	59						
BUSTOZ SCHOOL		59	59	62	48	73						
NEVITT SCHOOL		43	38	40	41	45						
WOOD SCHOOL		48	42	39	47							
AGUILAR SCHOOL		47	51	49	40	66						
ROVER SCHOOL		53	54	68	56	66						

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
FULLER SCHOOL		66	59	63	68	63						
MCKEMY JHS						52	61	60				
GILLILAND JHS						39	48	50				
CONNOLLY JHS						51	59	59				
FEES JHS						41	56	56				
ISAAC ELEM DISTRICT		35	28	32	29	32	37	38				
ISAAC JHS							37	38				
J B SUTTON SCHOOL		28	17	26	25	28						
ALTA E BUTLER SCHOOL		26	17	30	18	31						
P T COE SCHOOL		47	40	42	43	31						
JOSEPH ZITO SCHOOL		37	34	35	35	37						
MITCHELL SCHOOL		35	43	31	27	37						
WASHINGTON ELEM DIST		55	53	56	58	58	59	61				
ACACIA SCHOOL		64	63	55	58	55						
ALTA VISTA SCHOOL		64	58	47	54	59						
ARROYO SCHOOL		58	61	54	62	69						
CACTUS WREN SCHOOL		52	55	59	60	47						
CHAPARRAL SCHOOL		50	50	60	64	58						
CHOLLA SCHOOL							59	58				
DESERT FOOTHILLS							66	65				
DESERT VIEW SCHOOL		50	42	40	45	55						
IRONWOOD SCHOOL		64	61	60	58	55						
JOHN JACOBS SCHOOL		54	57	61	58	59						
LAKEVIEW SCHOOL		58	54	55	66	62						
LOOKOUT MOUNTAIN		71	72	68	70	69						
MANZANITA SCHOOL		57	54	56	49	57						
MARYLAND SCHOOL		50	37	46	57	52						
MOON MOUNTAIN SCHOOL		44	62	52	50	47						
MOUNTAIN SKY							64	66				
MOUNTAIN VIEW SCHOOL		34	31	37	38	45						
OCOTILLO SCHOOL		39	38	45	52	53						
ORANGEWOOD SCHOOL		55	48	55	53	59						
PALO VERDE SCHOOL							56	59				
RICHARD E MILLER		73	60	66	66	68						
ROADRUNNER SCHOOL		53	61	66	62	59						
ROYAL PALM SCHOOL							52	57				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
SAHUARO SCHOOL		59	52	61	55	53						
SENITA SCHOOL		65	49	66	68	75						
SHAW BUTTE SCHOOL		45	40	44	48	51						
SUNBURST SCHOOL		60	53	58	55	65						
SWEETWATER SCHOOL		70	60	65	63	61						
SUNNYSLOPE SCHOOL		29	37	41	53	47						
SUNSET SCHOOL		57	59	57	66	57						
TUMBLEWEED SCHOOL		54	60	63	65	56						
WASHINGTON SCHOOL		50	48	51	53	55						
WILSON ELEM DISTRICT		28	16	28	24	29	26	39				
WILSON ELEMENTARY		28	16	28	24	29	26	39				
OSBORN ELEM DISTRICT		44	40	41	40	42	51	49				
CLARENDON SCHOOL			40	37	40	44						
ENCANTO SCHOOL		41										
OSBORN MIDDLE SCHOOL							51	49				
SOLANO SCHOOL		64	46	55	43	45						
LONGVIEW SCHOOL		30	35	37	38	37						
CREIGHTON ELEM DISTR		41	38	39	43	38	46	50				
CREIGHTON SCHOOL							46	50				
LARRY C. KENNEDY		41	37	44	46	34						
LOMA LINDA SCHOOL		39	41	39	40	39						
WILLIAM T MACHAN		38	26	29	28	29						
MONTE VISTA SCHOOL		49	52	50	57	48						
PAPAGO SCHOOL		32	29	31	40	37						
SQUAW PEAK SCHOOL		48	45	44	50	41						
TOLLESON ELEM DISTRI		34	31	27	26	38	35	32				
UNIT I SCHOOL		34	31	27								
TOLLESON JUNIOR HIGH					26	38	35	32				
MURPHY ELEM DISTRICT		27	21	24	20	25	31	32				
ALFRED F. GARCIA		18	21	22	23	28	28	33				

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
WILLIAM R. SULLIVAN		41	18	24	19	24	31	34				
ARTHUR M. HAMILTON		26	20	24	10	20	23	35				
JACK L. KUBAN SCHOOL		24	24	24	31	32	41	24				
LIBERTY ELEM DISTRIC		41	50	42	50	43	44	46				
LIBERTY SCHOOL		41	52	40	46	45	44	46				
ESTRELLA MOUNTAIN		41	46	47	60	37						
KYRENE ELEM DISTRICT		59	57	57	62	59	62	63				
KYRENE MIDDLE SCHOOL						55	61	61				
C I WAGGONER SCHOOL		59	54	62	67							
KYRENE DEL NORTE		44	42	40	51	57						
KYRENE DE LAS LOMAS		56	59	54	63	62						
KYRENE DEL CIELO		73	59	65	69	69						
KYRENE DE LOS NINOS		48	46	56	53							
KYRENE DE LA PALOMA		48	58	52	59	57						
KYRENE DE LA COLINA		72	74	62	67	59						
PUEBLO MIDDLE SCHOOL							64	65				
KYRENE DEL SURENEO		53	53	54	53	52						
KYRENE DE LA MARIPOS		59	66	63	69	66						
KYRENE DE LOS LAGOS		63	58	62	64	59						
KYRENE MONTE VISTA		66	61	54	61	58						
BALSZ ELEM DISTRICT		32	29	29	39	39	46	46				
BALSZ SCHOOL		25	33	31	43	25	45	41				
CROCKETT SCHOOL		16	21	21	36	32	41	33				
GRIFFITH SCHOOL		47	29	31	39	57	50	61				
ORANGEDALE SCHOOL		41	31	33	37	38	48	42				
BUCKEYE ELEM DISTRIC		30	36	36	35	48	44	50				
BUCKEYE SCHOOL		30	36	36	35	48	44	50				
MADISON ELEM DISTRIC		65	61	65	62	63	61	68				
MADISON NO 1 SCHOOL					61	61	60	68				
MADISON R.C. SIMIS		75	71	71								

ARIZONA PUPIL ACHIEVEMENT TESTING

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
MADISON ROSE LANE SC		67	61	73								
MADISON PARK II		46	38	41	32	45	45	47				
MADISON MEADOWS					77	78	72	80				
MADISON HEIGHTS		67	67	66								
GLENDALE ELEM DISTRI		42	39	39	46	42	48	49				
GLENDALE LANDMARK							51	51				
ISAAC E IMES SCHOOL		43	36	29	35	41	50	31				
HAROLD W SMITH		31	25	23	36	32						
MELVIN E SINE SCHOOL		39	41	39	61	53						
MENSENDICK/JACK		37	44	42	44	41						
GLENN F BURTON		35	29	29	40	34						
GLENDALE AMERICAN		57	55	53	53	49						
BICENTENNIAL SCHOOL		41	34	40	45	42						
HORIZON SCHOOL		53	45	49	47	42						
CHALLENGER SCHOOL							45	48				
AVONDALE ELEM DISTRI		48	30	34	36	37	38	39				
AVONDALE SCHOOL		48										
AVONDALE JUNIOR HIGH							38	39				
LATTIE COOR SCHOOL					36	37						
PIONEER SCHOOL			30	34								
FOWLER ELEM DISTRICT		44	44	34	37	42	39	48				
FOWLER SCHOOL				34	37	42	39	48				
SUNRIDGE SCHOOL		44	44									
ARLINGTON ELEM DISTR		57	39	51	44	54	60	56				
ARLINGTON SCHOOL		76		53	53	60	63	44				
HARQUAHALA VALLEY		22		49	17	45	56	62				
PALO VERDE ELEM DIST		42	43	42	34	58	56	66				
PALO VERDE SCHOOL		42	43	42	34	58	56	66				

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
LAVEEN ELEM DISTRICT		36	29	31	39	40	44	38				
LAVEEN SCHOOL		47	40	46	47	43	44	38				
MC CASH SCHOOL		25	19	20	28	33	43	38				
UNION ELEM DISTRICT		20	12	34	34	21	31					
UNION SCHOOL		20	12	34	34	21	31					
LITTLETON ELEM DISTR		41	30	39	34	39	39	40				
LITTLETON SCHOOL		41	30	39	34	39						
UNDERDOWN JHS							39	40				
ROOSEVELT ELEM DISTR		25	25	30	33	32	37	35				
RIO VISTA SCHOOL		26	19	26	21	23	37	32				
PERCY L JULIAN					36	38	36	33				
SUNLAND SCHOOL		24	25	27	30	24	33	39				
SIERRA VISTA SCHOOL		1	28	31	32	36	31	34				
VALLEY VIEW SCHOOL		24	26	31	47	35	41	26				
C J JORGENSEN SCHOOL		27	24	27	32	29	34	37				
PALMDALE SCHOOL		27	21	25	24	31	42	39				
ROSE LINDA SCHOOL		31	23	25	27	27	34	37				
MARTIN LUTHER KING J		35	24	38								
T G BARR SCHOOL		19	21	23	25	22	31	32				
V H LASSEN SCHOOL		23	25	30	41	29	30	36				
JOHN F KENNEDY		29	24									
C O GREENFIELD				27	31	31	33	30				
IGNACIO CONCHOS		13	18	23	30	36	34	33				
JOHN R DAVIS SCHOOL		22	22	32	32	32	41	32				
MAXINE O. BUSH		36	35	33	38	40	45	38				
SOUTHWEST SCHOOL		39	36	49	51	48	47	55				
ALHAMBRA ELEM DISTRI		49	39	47	50	48	49	49				
ALHAMBRA TRADITIONAL		76	65	67	74	73	69	82				
ANDALUCIA SCHOOL		41	36	31	47	43	43	43				
BARCELONA SCHOOL		47	44	50	50	48	52	49				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
CATALINA SCHOOL		52	43	53	41	55	55	52				
CORDOVA SCHOOL		40	31	44	45	46	41	42				
GRANADA SCHOOL		38	38	44	48	48	46	45				
SEVILLA SCHOOL		58	38	58	53	42						
R E SIMPSON SCHOOL			33	44	43	39	42	51				
WESTWOOD PRIMARY		51	34									
LITCHFIELD ELEM DIST		55	58	59	58	59	61	62				
LITCHFIELD SCHOOL		63	60	65	60	60	66	67				
SCOTT LIBBY SCHOOL		43	55	51	55	57	53	57				
CARTWRIGHT ELEM DIST		49	42	47	47	45	50	46				
CARTWRIGHT SCHOOL		46	36	44	39	47						
GLENN L DOWNS SCHOOL		40	31	47	43	45						
JOHN F LONG SCHOOL		55	47	41	43	45						
JUSTINE SPITALNY		53	42	39	44	42						
HOLIDAY PARK SCHOOL		50	47	53	52	47						
SUNSET SCHOOL		43	44	43	49	38						
STARLIGHT PARK		53	41	50	44	46						
CHARLES W HARRIS		49	39	47	41	38						
DESERT SANDS JR HIGH							49	46				
FRANK BORMAN JR HIGH							49	43				
HEATHERBRAE SCHOOL		52	36	57	50	52						
ESTRELLA JUNIOR HIGH							51	49				
PALM LANE SCHOOL		55	39	39	52	42						
PERALTA SCHOOL		40	46	49	40	35						
BYRON A BARRY SCHOOL		47	56	42	46	47						
TOMAHAWK SCHOOL		53	43	52	52	52						
PENDERGAST ELEM DIST		48	49	47	50	47	52	50				
PENDERGAST SCHOOL		53	49	47	53	52	54	58				
DESERT HORIZON		45	51	46	45	45	53	52				
WESTWIND SCHOOL		43	45	41	50	39	48	44				
VILLA DE PAZ		54	53	58	54	58	53	47				

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COUNTY DISTRICT SCHOOL	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
BUCKEYE UNION H.S.									47	52	46	
BUCKEYE UNION H. S.									47	52	46	
GLENDALE UNION H.S.									62	60	58	
APOLLO HIGH SCHOOL									60	58	59	
CORTEZ HIGH SCHOOL									61	59	59	
GLENDALE HIGH SCHOOL									51	52	49	
GREENWAY HIGH SCHOOL									68	62	60	
INDEPENDENCE H. S.									59	52	49	
MOON VALLEY H. S.									66	65	63	
SUNNYSLOPE H. S.									66	59	61	
THUNDERBIRD H. S.									65	64	62	
WASHINGTON H. S.									61	62	55	
PHOENIX UNION H.S.									41	40	37	
ALHAMBRA HIGH SCHOOL									46	45	46	
METRO TECH E.S.O.									41	24	27	
METRO TECH VIP									28	33	21	
B.A.C.E.									34	27	27	
TREVOR BROWNE H. S.									49	44	46	
CAMELBACK H. S.									41	42	43	
CENTRAL HIGH SCHOOL									43	48	42	
CYESIS - EAST									25	23	25	
CYESIS - WEST									52	33	45	
CARL HAYDEN H. S.									35	36	27	
MARYVALE HIGH SCHOOL									46	45	42	
NORTH HIGH SCHOOL									45	42	43	
SOUTH MOUNTAIN HIGH									31	30	26	
TEMPE UNION H.S.									65	63	60	
TEMPE HIGH SCHOOL									59	60	55	
MCCLINTOCK H. S.									62	60	60	
MARCOS DE NIZA H. S.									65	59	61	
CORONA DEL SOL H. S.									71	69	63	
EVENING SCHOOL										80		

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NATIONAL INDIVIDUAL PERCENTILE RANK

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COUNTY DISTRICT SCHOOL	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
	GRADE											
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
TOLLESON UNION H.S.									49	48	47	
TOLLESON UNION H. S.									48	48	47	
WESTVIEW H. S.									50			
AGUA FRIA UNION H.S.									49	50	54	
AGUA FRIA UNION H.S.									49	50	54	

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
MOHAVE		53	49	50	53	52	53	55	57	56	57	
LAKE HAVASU UNIFIED		58	57	59	62	60	56	61	64	61	58	
SMOKETREE SCHOOL		51	55	62	65	55						
LAKE HAVASU JHS							56	61				
HAVASUPAI SCHOOL		55	51	54	59	62						
STARLINE SCHOOL		62	62	59	61	61						
NAUTILUS SCHOOL		69	54	51	57	59						
ORO GRANDE SCHOOL		53	60	66	66	65						
LAKE HAVASU H. S.									64	61	58	
COLORADO CITY UNIFIE		48	35	54	49	51	59	64	60	49	55	
COLORADO CITY ELEMEN		48	35	54	49	51	59	64	60	49	55	
HACKBERRY ELEM DISTR		73		43		68						
HACKBERRY		73		43		68						
KINGMAN ELEM DISTRIC		58	54	53	55	58	57	56				
KINGMAN JUNIOR HIGH							57	56				
PALO CHRISTI SCHOOL		49	46	43	58	52						
MANZANITA SCHOOL		62	57	55	55	63						
LA SENITA SCHOOL		52	53	53	52	55						
HUALAPAI SCHOOL		69	61	58	56	61						
OWENS WHITNEY ELEM D		51	66	53	45	58	46	46				
OWENS WHITNEY SCHOOL		51	66	53	45	58	46	46				
PEACH SPRINGS ELEM D		14	11	18	12	18	20	20				
PEACH SPRINGS SCHOOL		14	11	18	12	18	20	20				
LITTLEFIELD ELEM DIS		47	53	28	25	55						
LITTLEFIELD SCHOOL		47	53	28	25	55						

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
CHLORIDE ELEM DISTRI		25	38	43	41	44	46	63				
MOUNT TIPTON SCHOOL		25	38	43	41	44	46	63				
YUCCA ELEM DISTRICT		60	69		45	56						
YUCCA SCHOOL		60	69		45	56						
BULLHEAD CITY ELEM D		49	44	43	50	44	50	55				
BULLHEAD PRIMARY		49										
BULLHEAD CITY JHS						44	50	55				
BULLHEAD CITY INTERM			44	43	50							
MOHAVE VALLEY ELEM D		40	34	41	43	35	44	41				
MOHAVE VALLEY ELEM		27	33	35	43							
MOHAVE VALLEY JHS						35	44	41				
FORT MOHAVE ELEM		54	36	49	44							
VALENTINE ELEM DISTR		43	27	33	46	38	42	28				
VALENTINE SCHOOL		43	27	33	46	38	42	28				
COLORADO RIVER UNION									52	54	50	
COLORADO UNION HIGH									52	54	50	
MOHAVE UNION H.S.									57	54	60	
KINGMAN HIGH SCHOOL									57	54	60	

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
NAVAJO		38	37	40	44	44	46	44	45	44	43	
WINSLOW UNIFIED DIST		47	47	46	52	49	49	47	48	44	43	
WASHINGTON SCHOOL		51	52	55	58	51						
JEFFERSON SCHOOL		44	47	39	42	46						
BONNIE BRENNAN		43	43	42	52	50						
WINSLOW JUNIOR HIGH							49	47				
WINSLOW HIGH SCHOOL									48	44	43	
JOSEPH CITY UNIFIED		61	50	50	53	48	50	50	53	56	38	
JOSEPH CITY		61	50	50	53	48						
JOSEPH CITY H. S.							50	50	53	56	38	
HOLBROOK UNIFIED		56	42	44	55	48	54	48	43	43	37	
HULET SCHOOL		60	36	39	53							
PARK SCHOOL		52	50	49	57							
HOLBROOK JUNIOR HIGH						48	54	48				
HOLBROOK HIGH SCHOOL									43	43	37	
PINON UNIFIED DISTRI		9	15	13	13	12	16	15	11			
PINON SCHOOL		9	15	13	13	12						
PINON JHS							16	15	11			
SNOWFLAKE UNIFIED DI		56	49	55	49	57	52	53	64	60	59	
SNOWFLAKE INTERMED				54	51	60						
TAYLOR SCHOOL		47	51	58	45	49						
SNOWFLAKE JHS							52	53				
HIGHLAND PRIMARY		60	48									
SNOWFLAKE H. S.									64	60	59	
HEBER-OVERGAARD UNIF		53	58	61	52	58	53	49	58	50	50	
CAPPS ELEMENTARY		53	58	61	52	58	53	49				
MOGOLLON HIGH SCHOOL									58	50	50	

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
SHOW LOW UNIFIED DIS		52	45	46	56	56	56	57	61	57	62	
SHOW LOW ELEMENTARY		52	42									
SHOW LOW INTER				43	57	56						
PINEDALE/CLAY SPRING		38	59	40	51							
SHOW LOW JUNIOR HIGH							56	57				
SHOW LOW HIGH SCHOOL									61	57	62	
LINDEN ELEMENTARY		74	48	72	60							
WHITERIVER UNIFIED D		11	13	18	25	27	34	32	29	26	29	
WHITERIVER SCHOOL		13	13	20	28							
SEVEN MILE SCHOOL		8	14	13	16							
WHITERIVER JHS						27	34	32				
ALCHESAY HIGH SCHOOL									29	26	29	
CEDAR UNIFIED DISTRI		11	18	24	21	24	31	28	28			
JEDDITO SCHOOL		11	18	24	21	24	31	28	28			
KAYENTA UNIFIED DIST		17	25	24	31	29	36	32	31	26	31	
KAYENTA PRIMARY		17										
MONUMENT VALLEY H.S.									31	26	31	
KAYENTA MIDDLE						29	36	32				
KAYENTA INTERMEDIATE			25	24	31							
BLUE RIDGE UNIFIED		72	60	62	63	66	63	63	61	51	51	
BLUE RIDGE		72	60									
BLUE RIDGE H. S.									61	51	51	
BLUE RIDGE MIDDLE				62	63	66						
BLUE RIDGE JHS							63	63				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
PIMA		45	45	47	49	48	49	50	54	52	54	
ZIMMERMAN ACCOM SCHL		27	31		80							
ZIMMERMAN ACCOMM		27	31		80							
TUCSON UNIFIED DISTR		41	42	43	46	44	46	47	52	50	55	
BLENMAN SCHOOL		45	48	46	52							
BLOOM SCHOOL		63	47	57	57	58						
BONILLAS SCHOOL		59	50	61	61	47						
BOOTH SCHOOL		60	54	52	51							
BORMAN SCHOOL		49	36	42	52	45						
BORTON SCHOOL		37	47									
BRICHTA SCHOOL		45	56	46	47	40						
CARRILLO SCHOOL				44	45	35						
CAVETT SCHOOL		19	25	25	24	20						
COLLIER SCHOOL		56	61	62	56	66						
CORBETT SCHOOL		45	50	53	63	55						
CRAGIN SCHOOL		40	49	49	43							
DAVIDSON SCHOOL		45	47	46	45							
DAVIS SCHOOL		44	49	32	38							
DIETZ SCHOOL		42	39	42	54	51						
DRACHMAN SCHOOL		19	26									
DUFFY SCHOOL		40	67	46	54	60						
DUNHAM SCHOOL		55	53	53	56							
ERICKSON SCHOOL		37	31	43	45	42						
FORD SCHOOL		32	36	39	45	43						
FT LOWELL SCHOOL		33	32	32	44	36						
FRUCHTHENDLER SCHOOL		83	79	79	75	67						
GALE SCHOOL		71	57	64	60	53						
GRIJALVA		38	45	48	41	46						
HENRY SCHOOL		50	63	66	66							
HOLLADAY SCHOOL				34	47	41						
HOLLINGER SCHOOL		13	20	14	14	25						
HOWELL SCHOOL		35	36	56	56	50						
HUDLOW SCHOOL		50	52	46	51	58						
HUGHES SCHOOL		75	62	60	75	62						
JEFFERSON PARK SCHOO		43	51	47	46							
KEEN SCHOOL		26	24	40	36	38						

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
KELLOND SCHOOL		61	62	52	49	50						
LAWRENCE SCHOOL		10	18	17	20							
LINEWEAVER SCHOOL		77	71	68	72	76						
LYNN SCHOOL		17	22	25	36	35						
LYONS SCHOOL		39	38	39	38							
MANZO SCHOOL		35	21	22	27	20						
MARSHALL SCHOOL		54	55	51	56	55						
MENLO PARK SCHOOL		31	29	28	30	41						
MILES EXPLORATORY		40	37	37	35	37	58	62				
MISSION VIEW SCHOOL		13	17	20	25	18						
MYERS SCHOOL		30	26	43	47	39						
OCHOA SCHOOL		26	29	12	26	31						
PUEBLO GARDENS		17	18	17	32	24						
REYNOLDS SCHOOL		45	45	47	51	48						
RICHEY SCHOOL		21	45	27	22	31						
ROBERTS SCHOOL		19	29	36	28							
ROBISON SCHOOL		39	34	37	40	33						
ROGERS SCHOOL		47	48	47	60	61						
MILLER SCHOOL		32	37	30	39	43						
ROSE SCHOOL		25	18	24	20	22						
ROSKRUGE SCHOOL		52	37	29	23							
SAFFORD ELEM SCHOOL		15	35	26	25							
SCHUMAKER SCHOOL		54	46	50	65	53						
SEWELL SCHOOL		64	68	54	63	60						
SMITH SCHOOL		37	34	39	53	50						
STEELE SCHOOL		55	52	52	58	38						
TOLSON SCHOOL		25	29	40	28							
TULLY SCHOOL		42	58	45	48	42						
SOLENG TOM SCHOOL		63	60	57	64	52						
VAN BUSKIRK SCHOOL		17	30	24	30	29						
VAN HORNE SCHOOL		59	56	57	64	67						
VESEY SCHOOL		30	38	43	47	44						
WARREN SCHOOL		16	18	37	34	39						
WHEELER SCHOOL		51	40	53	59	55						
WHITE SCHOOL		39	27	41	30							
WHITMORE SCHOOL		68	67	66	63	67						
WRIGHT SCHOOL		34	39	41	43	51						
WRIGHTSTOWN SCHOOL		70	65	70	68	62						
BASIC CURRICULUM							48	59				
CARSON JHS						35	42	47				

ARIZONA PUPIL ACHIEVEMENT TESTING

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
DOOLEN JHS						48	49	46				
FICKETT JHS						48	48	57				
GRIDLEY JHS						55	54	59				
MAGEE JHS							58	54				
MANSFELD JHS							47	50				
MAXWELL JHS						42	37	39				
NAYLOR						25	35	39				
PISTOR JHS						33	46	40				
BILINGUAL MAGNET						36	38	32				
SAFFORD JHS						54	42	35				
SECRIST JHS						47	51	61				
MALDONADO		30	37	37	30							
TOWNSEND JHS							55	58				
UTTERBACK JHS							48	46				
VAIL JHS							65	67				
WAKEFIELD JHS							25	27				
HOHOKAM						23	31	31				
JUNIOR HIGH ACCOM							31	26				
HOWENSTINE							25	15	38			
UNIVERSITY H. S.									91	93	91	
CATALINA HIGH SCHOOL									46	38	50	
CHOLLA HIGH SCHOOL									36	35	40	
PALO VERDE H. S.									57	49	59	
PROJECT MORE									42	57	54	
PUEBLO HIGH SCHOOL									32	28	29	
RINCON HIGH SCHOOL									46	56	52	
SABINO HIGH SCHOOL									70	64	63	
SAHUARO HIGH SCHOOL									65	59	66	
SANTA RITA H. S.									56	55	58	
TUCSON HIGH SCHOOL									45	45	50	
SENIOR HIGH ACCOM											7	
TEEN-AGE PARENT PROG								22	40	51	24	
MARANA UNIFIED DISTR		60	55	59	59	53	58	59	62	58	61	
ESTES SCHOOL		37	39	49	41							
THORNYDALE SCHOOL		63	54	59	55	59						
MARANA JHS						47	51	54				
BUTTERFIELD SCHOOL		62	61	61	65	54						
MARANA HIGH SCHOOL									55	45	55	

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ARIZONA PUPIL ACHIEVEMENT TESTING

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
TORTOLITA JHS							62	62				
ROADRUNNER SCHOOL		49	46	51	60							
DESERT WINDS SCHOOL		56	54	54	55							
DEGRAZIA SCHOOL		71	62	68	64	59						
MOUNTAIN VIEW SCHOOL									66	66	64	
IRONWOOD SCHOOL		64	62	60	61	52						
FLOWING WELLS UNIFIE		52	48	54	52	51	50	44	64	56	58	
HOMER DAVIS SCHOOL		45	40	57	43							
WALTER DOUGLAS		46	44	50	50							
LAGUNA SCHOOL		47	38	47	53							
FLOWING WELLS JHS						51	50	44				
FLOWING WELLS H. S.									64	56	58	
INSCAPE SCHOOL										80	49	
ROBERT RICHARDSON		63	60	57	58							
AMPHITHEATER UNIFIED		51	56	57	59	58	55	56	62	60	59	
MARION DONALDSON		66	68	75	71	70						
WINIFRED HARELSON		69	73	69	69	69						
F O HOLAWAY SCHOOL		48	49	61	55	57						
HELEN KEELING SCHOOL		19	31	34	46	34						
E C NASH SCHOOL		25	36	33	43	41						
L M PRINCE SCHOOL		44	44	40	43	43						
LULU WALKER SCHOOL		53	56	59	65	66						
CORONADO SCHOOL		49	58	52	43							
MESA VERDE SCHOOL		64	57	66	58	80						
RIO VISTA SCHOOL		52	52	54	64	58						
AMPHITHEATER JR HIGH							49	52				
LAWRENCE W CROSS JR						67	64	60				
CORONADO MIDDLE						53	55					
COPPER CREEK ELEM		67	68	66	67							
AMPHITHEATER EVENING									47	35	42	
AMPHITHEATER H. S.									57	55	51	
CANYON DEL ORO HIGH									66	67	68	
SUNNYSIDE UNIFIED DI		33	30	36	37	36	40	40	41	40	42	
SUNNYSIDE H. S.									44	42	43	

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
SUNNYSIDE ALT ED									31	27	32	
ELVIRA SCHOOL		29	32	38	36							
LOS AMIGOS SCHOOL		11	19	33	35							
DREXEL SCHOOL		29	21	26	36							
ESPERANZA SCHOOL		46	38	53	47							
LIBERTY SCHOOL		26	36	27	35							
CRAYCROFT SCHOOL		26	27	41	21							
LOS RANCHITOS SCHOOL		27	21	33	34							
MISSION MANOR SCHOOL		49	32	33	30							
LOS NINOS SCHOOL		38	28	43	38							
DESERT VIEW H.S.									38	38	40	
APOLLO MIDDLE SCHOOL						34	39	39				
CHAPPARRAL MIDDLE						37	41	45				
SANTA CLARA SCHOOL		37	29	28	29							
GALLEGO SCHOOL		50	50	52	59							
SIERRA MIDDLE SCHOOL						37	39	39				
TANQUE VERDE UNIFIED		68	66	68	69	63	65	70	76			
TANQUE VERDE SCHOOL		71	69	72	72	70						
EMILY GRAY JHS							65	70	76			
AGUA CALIENTE SCHOOL		61	63	63	64	57						
AJO UNIFIED DISTRICT		34	37	41	46	54	44	54	54	53	38	
AJO ELEMENTARY		34	37	41	46							
AJO JUNIOR HIGH						54	44	54				
AJO HIGH SCHOOL									54	53	38	
CATALINA FOOTHILLS U		76	72	69	72	75	72	79				
SUNRISE DRIVE SCHOOL		75	74	68	72	80						
MANZANITA SCHOOL		76	77	74	75	73						
ORANGE GROVE JHS							72	79				
CANYON VIEW		76	66	66	69	70						
SAHUARITA UNIFIED DI		55	51	49	55	51	46	50	53	51	53	
SAHUARITA SCHOOL		54	50	49	51							
SOPORI SCHOOL		57	52	48	63							

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
SAHUARITA JHS						51	46	50				
SAHUARITA H. S.									53	51	53	
INDIAN OASIS-BABOQUI		19	17	26	27	28	39	27	24	21	19	
INDIAN OASIS PRIMARY		19	17									
TOPAWA MIDDLE				26	27	28						
BABOQUIVARI JHS							39	27				
BABOQUIVARI H. S.									24	21	19	
VAIL ELEM DISTRICT		67	57	59	66	43	53	61				
VAIL SCHOOL		67	57	59	66	43	53	61				
CONTINENTAL ELEM DIS		63	39	47	73	62	59	79				
CONTINENTAL SCHOOL		63	39	47	73	62	59	79				
ALTAR VALLEY SCHOOL		44	46	40	46	38	52	51				
MARY E DILL SCHOOL		44	46	40	46	38	52	51				

ARIZONA PUPIL ACHIEVEMENT TESTING

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
PINAL		42	37	40	42	41	45	45	45	43	43	
MARY C O'BRIEN ELEM		17	25	41	25	30						
MARY C O'BRIEN		17	25	41	25	30						
FLORENCE UNIFIED DIS		46	36	40	43	45	46	43	38	32	26	
FLORENCE ELEMENTARY		46	36	40	43							
FLORENCE HIGH SCHOOL									38	32	26	
FLORENCE MIDDLE						45	46	43				
RAY UNIFIED DISTRICT		52	43	41	54	57	51	59	55	56	40	
RAY PRIMARY		52	43	41								
RAY ELEMENTARY					54	57	51	59				
RAY HIGH SCHOOL									55	56	40	
MAMMOTH SAN MANUEL U		38	36	41	45	42	41	43	37	44	43	
MAMMOTH SCHOOL		30	34	42	41	49						
FIRST AVENUE SCHOOL		41	37									
AVENUE B SCHOOL				40	46	40						
GARDNER MIDDLE							41	43				
SAN MANUEL HIGH									37	44	43	
EL CAMINO ED CENTER									64	47		
SUPERIOR UNIFIED DIS		33	37	42	42	45	47	43	38	40	39	
ROOSEVELT SCHOOL							47	43				
KENNEDY SCHOOL		33	37	42	42	45						
SUPERIOR HIGH SCHOOL									38	40	39	
MARICOPA UNIFIED DIS		32	32	46	35	33	44	41	40	41	39	
MARICOPA SCHOOL		32	32	46	35							
MARICOPA HIGH SCHOOL									40	41	39	
MARICOPA MIDDLE						33	44	41				

ARIZONA PUPIL ACHIEVEMENT TESTING

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
COOLIDGE UNIFIED DIS		44	39	45	41	41	44	40	45	39	34	
WEST SCHOOL		44	39									
NORTH SCHOOL				45								
COOLIDGE CENTRAL					41	41	44	40				
COOLIDGE HIGH SCHOOL									45	39	34	
APACHE JUNCTION UNIF		53	45	47	50	49	54	54	55	50	54	
SUPERSTITION MTN		67	42	41	45	49						
APACHE JUNCTION JHS							54	54				
FOUR PEAKS		36	37	35	44	48						
APACHE JUNCTION H S									55	50	54	
GOLD CANYON		56	53	54	59	52						
DESERT VISTA		53	48	51	50	49						
ORACLE ELEM DISTRICT		47	44	51	52	52	51	50				
ORACLE SCHOOL		47	44	51	52	52	51	50				
J O COMBS ELEM DISTR		33	58	45	50	27	54	53				
J O COMBS SCHOOL		33	58	45	50	27	54	53				
CASA GRANDE ELEM DIS		43	35	37	39	41	45	45				
COTTONWOOD SCHOOL		35	47	33	42	46						
EVERGREEN SCHOOL		45	32	46	42	42						
OCOTILLO SCHOOL		41	28	27	31	32						
PALO VERDE SCHOOL		53	36	34	33	29						
SAGUARO SCHOOL		43	29	33	42	44						
CASA GRANDE JHS							45	45				
CHOLLA SCHOOL		47	40	46	37	45						
IRONWOOD SCHOOL		41	31	36	45	42						
RED ROCK ELEM DISTRI		36	55	61	36	39	52	53				
RED ROCK SCHOOL		36	55	61	36	39	52	53				

ARIZONA PUPIL ACHIEVEMENT TESTING

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APRIL 1990

COUNTY DISTRICT SCHOOL	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
	GRADE											
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
ELOY ELEM DISTRICT		21	25	29	31	31	33	37				
ELOY INTERMEDIATE				29	31	31						
CURIEL SCHOOL		21	25									
ELOY JUNIOR HIGH							33	37				
SACATON ELEM DISTRIC		30	27	28	26	21	23	21				
SACATON ELEMENTARY		30	27	28								
SACATON MIDDLE					26	21	23	21				
TOLTEC ELEM DISTRICT		34	45	47	60	45	49	67				
TOLTEC SCHOOL		34	45	47	60	45	49	67				
STANFIELD ELEM DISTR		44	33	32	38	24	46	30				
STANFIELD SCHOOL		44	33	32	38	24	46	30				
PICACHO ELEM DISTRIC		44	36	29	42	49	29	30				
PICACHO SCHOOL		44	36	29	42	49	29	30				
CASA GRANDE UNION H.									47	48	52	
CASA GRANDE UNION									47	48	52	
SANTA CRUZ VLY U H S									40	27	27	
SANTA CRUZ VALLEY HS									40	27	27	

ARIZONA PUPIL ACHIEVEMENT TESTING

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
SANTA CRUZ		36	33	34	41	38	39	33	33	30	34	
NOGALES UNIFIED DIST		32	30	30	37	34	36	30	31	29	33	
WADE CARPENTER MID						34	40	31				
CORONADO ELEMENTARY		43	48	46	48							
LINCOLN SCHOOL		37	38	28	40							
A J MITCHELL SCHOOL		28	26	24	37							
MARY WELTY SCHOOL		27	25	23	34							
NOGALES HIGH SCHOOL									31	29	33	
PIERSON MIDDLE						33	31	29				
CHALLENGER		28	21	33	30							
SANTA CRUZ VALLEY UN		44	38	42	46	45	45	49				
CALABASAS SCHOOL						45	45	49				
TUBAC SCHOOL		44										
MOUNTAIN VIEW SCHOOL			38	42	46							
SANTA CRUZ ELEM DIST		59	63	50	36	49	50	27				
SANTA CRUZ SCHOOL		59	63	50	36	49	50	27				
PATAGONIA ELEM DISTR		32	41	48	57	72						
PATAGONIA SCHOOL		32	41	48	57	72						
SONOITA ELEM DISTRIC		92	73	66	58	75	73	77				
ELGIN SCHOOL		92	73	66	58	75	73	77				
PATAGONIA UNION HIGH							65	51	67	51	44	
PATAGONIA H. S.							65	51	67	51	44	

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
YAVAPAI		56	52	54	59	58	59	58	62	61	58	
PRESCOTT UNIFIED DIS		56	57	60	65	64	63	66	66	63	61	
WASHINGTON SCHOOL		48	42	49	62	62						
LINCOLN SCHOOL		68	59	63	64	62						
MILLER VALLEY SCHOOL		63	49	62	67	64						
DEXTER SCHOOL		33	57	50	55	52						
TAYLOR HICKS SCHOOL		58	72	65	63	61						
PRESCOTT JUNIOR HIGH							63	66				
PRESCOTT HIGH SCHOOL									66	63	61	
GRANITE MOUNTAIN JR							63	66				
ABIA JUDD		59	56	62	71	72						
BAGDAD UNIFIED DISTR		69	54	48	62	39	55	55	70	53	42	
DAVID C LINCOLN		69	54	48	62	39	55	55				
BAGDAD HIGH SCHOOL									70	53	42	
HUMBOLDT UNIFIED DIS		58	46	55	54	60	56	52	62	67	58	
LAKE VALLEY SCHOOL		55	35	52	51	58						
BRADSHAW MOUNTAIN							56	52				
BRADSHAW MOUNTAIN HS									62	67	58	
HUMBOLDT ELEMENTARY		79	57	49	52	59						
MOUNTAIN VIEW		49	51	59	58	63						
CAMP VERDE UNIFIED D		49	54	47	58	58	58	49	54	59	54	
CAMP VERDE SCHOOL		49	54	47	58	58	58	49				
CAMP VERDE H. S.									54	59	54	
ASH FORK UNIFIED DIS		24	45	43	52	50	56	57	24	62	36	
ASH FORK SCHOOL		24	45	43	52	50	56	57				
ASH FORK HIGH SCHOOL									24	62	36	
SELIGMAN UNIFIED DIS		24	46	59	57	56	51	45	53	43	51	
SELIGMAN SCHOOL		24	46	59	57	56	51	45				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
SELIGMAN HIGH SCHOOL									53	43	51	
MAYER UNIFIED DISTRI		64	55	42	59	45	59	69	63	51	56	
MAYER SCHOOL		64	55	42	59	45	59	69				
MAYER HIGH SCHOOL									63	51	56	
CHINO VALLEY UNIFIED		53	49	54	56	51	56	51	61	55		
DEL RIO SCHOOL		53	49	54	56							
HERITAGE MIDDLE						51	56	51				
CHINO VALLEY HIGH									61	55		
SKULL VALLEY ELEM DI		89	51	53	36	49						
SKULL VALLEY SCHOOL		89	51	53	36	49						
KIRKLAND ELEM DISTRI		47	65	43	33	55						
KIRKLAND SCHOOL		47	65	43	33	55						
BEAVER CREEK ELEM DI		67	37	58	69	43	52	54				
BEAVER CREEK SCHOOL		67	37	58	69	43	52	54				
HILLSIDE ELEM DISTRI		66	39	33	73	46						
HILLSIDE SCHOOL		66	39	33	73	46						
CROWN KING ELEM DIST		41		74								
CROWN KING SCHOOL		41		74								
CANON ELEM DISTRICT		51	40	58	49	63	61	51				
CANON SCHOOL		51	40	58	49							
CANON JHS						63	61	51				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
YARNELL ELEM DISTRIC		40	70	47	51	63						
YARNELL SCHOOL		40	70	47	51	63						
CLARKDALE-JEROME ELE		72	49	46	49	56	53	59				
CLARKDALE-JEROME		72	49	46	49	56	53	59				
COTTONWD OAK CRK ELE		55	52	54	57	59	58	61				
COTTONWOOD		48	49	57	52	60						
COTTONWOOD JHS							56	57				
OAK CREEK SCHOOL		49	50	52	65	53	66	65				
WEST SEDONA SCHOOL		55	53	62	59	61	61	69				
DR. DANIEL BRIGHT		61	55	51	57	59						
MINGUS UNION H.S.									64	63	59	
MINGUS UNION HIGH									64	63	59	

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
YUMA		33	33	34	38	36	40	41	36	37	36	
YUMA ELEM DISTRICT		33	34	39	42	41	44	45				
ALICE BYRNE SCHOOL		46	30	57	40							
CARVER SCHOOL		14	14	32	24	28						
C W MCGRAW SCHOOL		22	31	35	35	41						
FOURTH AVE JHS							38	36				
GILA VISTA JHS							49	46				
JAMES D PRICE SCHOOL		44	32	53	35	51						
MARY E POST SCHOOL			28	26	31	28						
O C JOHNSON SCHOOL		42	44	44	57	47						
PALMCROFT SCHOOL		44	41	42	45							
PECAN GROVE SCHOOL		25	24	25	39	37						
ROOSEVELT SCHOOL		30	39									
JAMES B ROLLE SCHOOL		43	45	56	53	56						
WOODARD JHS						44	48	53				
GWYNETH HAM SCHOOL		39	43	34	44	36						
SOMERTON ELEM DISTRI		25	20	21	23	20	29	28				
SOMERTON PRIMARY		24	18									
ORANGE GROVE		29	29	16	32	19						
DESERT SONPRA INTER				22	21	20						
CARLISLE JHS							29	28				
CRANE ELEM DISTRICT		42	39	40	42	40	42	46				
CRANE PUEBLO SCHOOL		51	44	50	43	41						
RANCHOVIEJO SCHOOL		28	24	27	30	30						
H L SUVERKRUP SCHOOL		38	40	42	45	43						
CRANE JHS							42	46				
RONALD REAGAN FUND		60	66	47	57	52						
HYDER ELEM DISTRICT		21	18	31	44	39	40	41				
DATELAND SCHOOL		21	18	31	44	39	40	41				

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
MOHAWK VALLEY ELEM D		35	45	41	39	47	49	47				
MOHAWK VALLEY SCHOOL		35	45	41	39	47	49	47				
WELLTON ELEM DISTRIC		24	36	37	36	38	37	53				
WELLTON SCHOOL		24	36	37	36	38	37	53				
GADSDEN ELEM DISTRIC		7	10	11	16	16	23	21				
GADSDEN SCHOOL			9	11	16	16	23	21				
RIO COLORADE		7	13									
ANTELOPE UNION H.S.									40	33	38	
ANTELOPE UNION H.S.									40	33	38	
YUMA UNION H.S.									36	38	35	
YUMA HIGH SCHOOL									41	34	38	
KOFA HIGH SCHOOL									31	37	32	
CIBOLA HIGH SCHOOL									36	41	37	

ARIZONA PUPIL ACHIEVEMENT TESTING

READING

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	54	53	52	52	52	50	50	48	48	48	49	50
STATEWIDE	46	49	46	48	50	49	52	52	55	53	52	48
LA PAZ		37	29	32	36	38	42	43	44	45	46	
PARKER UNIFIED DISTR		35	28	30	38	37	42	46	43	43	42	
BLAKE SCHOOL		41										
WALLACE SCHOOL			31	34	40	39	49	50				
LE PERA SCHOOL		19	22	22	34	32	31	34				
PARKER HIGH SCHOOL									43	43	42	
QUARTZSITE ELEM DIST		33	25	32	26	29	41	36				
EHRENBERG SCHOOL		33	25	32	26	29	41	36				
WENDEN ELEM DISTRICT		49	28	48	23	55	50	16				
WENDEN SCHOOL		49	28	48	23	55	50	16				
BOUSE ELEM DISTRICT		41	30	57	48	73	62	38				
BOUSE SCHOOL		41	30	57	48	73	62	38				
SALOME CONSOLIDATED		68	49	41	35	60	37	40				
SALOME SCHOOL		68	49	41	35	60	37	40				
BICENTENNIAL U H.S.									48	51	64	
SALOME HIGH SCHOOL									48	51	64	

Appendix B

1990 Percentile Ranks for Individuals for **Language** on the

- Iowa Tests of Basic Skills (Grades 1 - 8)
- Tests of Achievement and Proficiency (Grades 9 - 12)

ARIZONA PUPIL ACHIEVEMENT TESTING

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
APACHE		35	34	31	34	32	39	44	38	32	39	
ST JOHNS UNIFIED DIS		70	62	58	44	42	52	63	55	48	56	
CORONADO ELEMENTARY		70	62									
ST JOHNS MIDDLE				58	44	42	52	63				
ST JOHNS HIGH SCHOOL									55	48	56	
WINDOW ROCK UNIFIED		32	31	25	32	35	45	43	41	32	39	
FT DEFIANCE SCHOOL		28	28	24	34							
WINDOW ROCK SCHOOL		33	35	27	29							
TSO HO TSO MIDDLE						35	45	43				
WINDOW ROCK H. S.									41	32	39	
ROUND VALLEY UNIFIED		56	55	43	52	47	50	51	54	52	56	
ROUND VALLEY PRIMARY		56										
ROUND VALLEY MIDDLE						47	50	51				
ROUND VALLEY H. S.									54	52	56	
ROUND VALLEY INTER			55	43	52							
SANDERS UNIFIED DIST		11	15	24	22	20	29	38	31	23	26	
SANDERS ELEMENTARY		11	15	24	22							
SANDERS JUNIOR HIGH						20	29	38				
VALLEY HIGH SCHOOL									31	23	26	
GANADO UNIFIED DISTR		24	25	22	32	25	28	40	31	27	38	
GANADO PRIMARY		24										
GANADO INTERMEDIATE			25	22	32							
GANADO MIDDLE SCHOOL						25	28	40				
GANADO HIGH SCHOOL									31	27	38	
CHINLE UNIFIED DISTR		26	27	29	32	30	33	38	31	26	33	
CHINLE ELEMENTARY				33	33	32						
CHINLE JUNIOR H. S.							32	38				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
MANY FARMS SCHOOL		30	28	19	34	28						
TSAILE SCHOOL		27	26	30	24	19	36	44				
CHINLE PRIMARY		25	27									
CHINLE HIGH SCHOOL									31	26	33	
RED MESA UNIFIED DIS		22	22	19	20	19	32	34	28	22	26	
RED MESA SCHOOL		24	24	20	17	22	33	34				
ROUND ROCK SCHOOL		15	18	17	28	10	29	35				
RED MESA HIGH SCHOOL									28	22	26	
CONCHO ELEM DISTRICT		64	36	31	32	36	50	50				
CONCHO SCHOOL		64	36	31	32	36	50	50				
ALPINE ELEM DISTRICT		57	52	16	39	37	56	52				
ALPINE SCHOOL		57	52	16	39	37	56	52				
VERNON ELEMENTARY DI		53		40	62							
VERNON SCHOOL		53		40	62							
MCNARY ELEM DISTRICT		14	25	20	22	17	28	39				
MCNARY SCHOOL		14	25	20	22	17	28	39				

ARIZONA PUPIL ACHIEVEMENT TESTING

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
COCHISE		50	47	43	48	45	49	54	50	49	54	
FT HUACHUCA ACCOM SC		58	52	47	50	42	45	53				
GENERAL MYER SCHOOL				47	50							
COLONEL JOHNSTON		58	52									
COLONEL SMITH MIDDLE						42	45	53				
TOMBSTONE UNIFIED DI		59	44	38	44	43	44	48	47	45	46	
HUACHUCA CITY SCHOOL		56	42	37	41	41	38	41				
WALTER J MEYER		70	50	42	51	49	59	73				
TOMBSTONE HIGH									47	45	46	
BISBEE UNIFIED DISTR		41	32	29	47	34	44	45	44	44	47	
BISBEE HIGH SCHOOL									44	44	47	
GREENWAY SCHOOL		41	32									
LOWELL SCHOOL				29	47	34	44	45				
WILLCOX UNIFIED DIST		45	40	42	44	41	50	48	53	49	61	
WILLCOX ELEMENTARY		45	40	42								
WILLCOX MIDDLE					44	41	50	48				
WILLCOX HIGH SCHOOL									53	49	61	
BOWIE UNIFIED DISTRI		36	33	24	16	28	51	34	35	47	41	
BOWIE SCHOOL		36	33	24	16	28	51	34				
BOWIE HIGH SCHOOL									35	47	41	
SAN SIMON UNIFIED DI		55	41	46	52	34	54	64	62	58	50	
SAN SIMON SCHOOL		55	41	46	52	34	54	64				
SAN SIMON H. S.									62	58	50	
ST DAVID UNIFIED DIS		82	66	62	67	49	60	60	54	45	54	
ST DAVID SCHOOL		82	66	62	67	49	60	60				
ST DAVID HIGH SCHOOL									54	45	54	

ARIZONA PUPIL ACHIEVEMENT TESTING

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
DOUGLAS UNIFIED DIST		41	41	41	48	41	43	56	48	48	51	
A AVENUE SCHOOL		44	38	37	47							
CLAWSON SCHOOL		37	36	27	48							
FIFTEENTH STREET		22	51	36	46							
JOE CARLSON SCHOOL		48	42	50	46							
FARAS SCHOOL		21	36	27	48							
SARAH MARLEY SCHOOL		28	32	43	37							
STEVENSON SCHOOL		59	50	50	57							
DOUGLAS JUNIOR HIGH						34	32	46				
PAUL H. HUBER JHS						47	54	63				
DOUGLAS HIGH SCHOOL									48	48	51	
SIERRA VISTA UNIFIED		51	55	50	55	55	52	59	54	51	56	
CARMICHAEL SCHOOL		45	45	48	39	45						
VILLAGE MEADOWS		53	54	56	61	54						
BELLA VISTA SCHOOL		51	57	48	47	59						
SIERRA VISTA MIDDLE							52	59				
BUENA HIGH SCHOOL									54	51	56	
PUEBLO DEL SOL		52	73	46	59	51						
TOWN AND COUNTRY		60	49	47	50	61						
HUACHUCA MOUNTAIN		44	49	55	60	56						
NACO ELEM DISTRICT		32	33	22	25	33	48	51				
NACO SCHOOL		32	33	22	25	33	48	51				
COCHISE ELEM DISTRIC		85	48	44	35	51	80	71				
COCHISE SCHOOL		85	48	44	35	51	80	71				
APACHE ELEM DISTRICT		76		45		55		71				
APACHE SCHOOL		76		45		55		71				
DOUBLE ADOBE ELEM DI		32	50	42	57	72						
DOUBLE ADOBE SCHOOL		32	50	42	57	72						

ARIZONA PUPIL ACHIEVEMENT TESTING

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
PALOMINAS ELEM DISTR		48	50	48	52	42	61	51				
PALOMINAS SCHOOL		48	50	48	52	42	61	51				
MCNEAL ELEM DISTRICT		74	30	49	57	42	34	63				
MCNEAL SCHOOL		74	30	49	57	42	34	63				
BENSON ELEM DISTRICT		62	48	34	38	42	53	51				
BENSON PRIMARY		62	48	34								
BENSON MIDDLE SCHOOL					38	42	53	51				
ELFRIDA ELEM DISTRIC		35	24	44	28	41	43	49				
ELFRIDA ELEMENTARY		35	24	44	28	41	43	49				
PEARCE ELEM DISTRICT		51	8	41	48	43	49	45				
PEARCE SCHOOL		51	8	41	48	43	49	45				
ASH CREEK ELEM DISTR		51	43	25	23	41	52	38				
ASH CREEK SCHOOL		51	43	25	23	41	52	38				
POMERENE ELEM DISTRI		60	35	63	34	49	39	63				
POMERENE SCHOOL		60	35	63	34	49	39	63				
BENSON UNION HIGH SC									52	52	53	
BENSON UNION H. S.									52	52	53	
VALLEY UNION H.S.									55	55	56	
VALLEY UNION H. S.									55	55	56	

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
COCONINO		53	52	48	52	48	48	52	48	46	49	
FLAGSTAFF UNIFIED DI		58	52	50	54	49	50	55	52	51	55	
MANUEL DEMIGUEL		66	55	56	59	53						
CROMER ELEMENTARY		54	44	46	46	40						
LURA KINSEY SCHOOL		48	59	44	54	51						
EVA MARSHALL SCHOOL		58	58	57	62	58						
W F KILLIP SCHOOL		43	29	24	35	37						
SOUTH BEAVER SCHOOL		56	48	37	52	60						
THOMAS R WEITZEL		51	53	47	45	48						
CHARLES W SECHRIST		69	60	63	65	60						
JOHN Q THOMAS SCHOOL		64	58	46	56	49						
NEIL V CHRISTENSEN		41	43	51	56	43						
LEUPP SCHOOL		63	48	37	34	26	40	42				
SEDONA SCHOOL		41	46	55	63	56	59	69				
KNOLES ELEMENTARY		79	62	59	64	63						
FLAGSTAFF JHS							53	59				
EAST FLAGSTAFF JHS							49	52				
FLAGSTAFF HIGH									55	53	59	
COCONINO HIGH SCHOOL									48	47	51	
SINAQUA HIGH SCHOOL									53	51		
WILLIAMS UNIFIED DIS		54	48	52	55	61	54	56	63	52	55	
WILLIAMS ELEMENTARY		54	48	52	55	61	54	56				
WILLIAMS HIGH SCHOOL									63	52	55	
GRAND CANYON UNIFIED		64	71	45	60	51	60	64	56	54	51	
GRAND CANYON SCHOOL		64	71	45	60	51	60	64				
GRAND CANYON H. S.									56	54	51	
FREDONIA/MOCCASIN		49	48	46	40	32	38	60	44	42	45	
FREDONIA MOCCASIN		51	48	46	40	32	38	60				
MOCCASIN SCHOOL		23	50									
FREDONIA MOCCASIN HS									44	42	45	

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
PAGE UNIFIED DISTRIC		44	50	49	51	46	46	48	45	47	47	
DESERT VIEW ELEM		47	52	45	52							
PAGE MIDDLE SCHOOL						46	46	48				
PAGE HIGH SCHOOL									45	47	47	
LAKE VIEW ELEMENTARY		40	49	52	51							
TUBA CITY UNIFIED DI		45	55	38	42	41	39	45	37	31	38	
CAMERON PRIMARY		31	51									
GAP/BODEWAY PRIMARY		23	32									
EAGLE'S NEST MID				38	42	41						
TUBA CITY JUNIOR H S							39	45				
TUBA CITY PRIMARY		47	57									
TUBA CITY H. S.									37	31	38	
MAINE CONSOLIDATED E		51	70	64	50	67						
MAINE CONSOLIDATED S		51	70	64	50	67						

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
GILA		52	45	44	44	43	48	52	49	43	51	
GLOBE UNIFIED DISTRI		67	51	44	47	45	48	56	48	41	45	
EAST GLOBE SCHOOL					47	45						
GLOBE JR. H. S.							48	56				
COPPER RIM ELEM		67	51	44								
GLOBE HIGH SCHOOL									48	41	45	
PAYSON UNIFIED DISTR		56	44	43	52	47	55	60	54	52	58	
JULIA RANDALL SCHOOL		57	45	36	43	39						
PAYSON HIGH SCHOOL									54	52	58	
PAYSON JUNIOR H. S.							55	60				
PAYSON ELEMENTARY		55	43	50	57	55						
SAN CARLOS UNIFIED		25	25	28	30	33	32	36				
RICE ELEMENTARY		25	25	28	30	33	32	36				
MIAMI UNIFIED DISTRI		59	50	56	44	44	49	51	45	40	52	
CENTRAL HEIGHTS		76	33	63								
INSPIRATION ADDITION		46	54	50								
LAS LOMAS SCHOOL		49	54	57								
BULLION PLAZA SCHOOL					44	44						
MIAMI HIGH SCHOOL									45	40	52	
LEE KORNEGAY JHS							49	51				
HAYDEN WINKELMAN UNI		31	54	38	36	47	43	50	52	35	45	
WINKELMAN PRIMARY		31	54									
LEONOR HAMBLY JHS							43	50				
HAYDEN HIGH SCHOOL									52	35	45	
WINKELMAN INTERMED				38	36	47						
YOUNG ELEM DISTRICT		71	78	68		45	58	65	39	54	59	
YOUNG ELEMENTARY		71	78	68		45	58	65				
YOUNG TEACHING HIGH									39	54	59	

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
PINE ELEM DISTRICT		74	47	50	49	50	59	57				
PINE SCHOOL		74	47	50	49	50	59	57				
TONTO BASIN ELEM DIS		57	46	63	29	34	34	45				
TONTO BASIN SCHOOL		57	46	63	29	34	34	45				

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
GRAHAM		52	51	52	52	52	48	54	51	44	49	
SAFFORD UNIFIED DIST		46	46	54	59	52	47	54	50	50	50	
DOROTHY STINSON ELEM		46										
SAFFORD HIGH SCHOOL									50	50	50	
LAFE NELSON SCHOOL			46	54	59							
SAFFORD MIDDLE						52	47	54				
THATCHER UNIFIED DIS		65	65	56	55	63	58	61	63	44	58	
THATCHER ELEMENTARY				56	55	63						
THATCHER HIGH SCHOOL									63	44	58	
JACK DALEY PRIMARY		65	65									
THATCHER MIDDLE							58	61				
PIMA UNIFIED DISTRIC		73	54	51	43	40	42	46	52	33	33	
PIMA ELEMENTARY		73	54	51	43	40						
PIMA HIGH SCHOOL							42	46	52	33	33	
FT THOMAS UNIFIED DI		27	36	30	27	39	31	40	26	32	30	
FT THOMAS ELEMENTARY		27	36	30	27	39						
FT THOMAS H. S.							31	40	26	32	30	
SOLOMONVILLE ELEM DI		25	47	45	42	39	55	48				
SOLOMONVILLE SCHOOL		25	47	45	42	39	55	48				
BONITA ELEM DISTRICT		55	51	46	44	38	58	55				
BONITA SCHOOL		55	51	46	44	38	58	55				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
GREENLEE		66	47	49	52	49	55	61	51	47	47	
DUNCAN UNIFIED DISTR		58	30	49	48	43	63	66	49	43	43	
DUNCAN SCHOOL		58	30	49	48	43	63	66				
DUNCAN HIGH SCHOOL									49	43	43	
CLIFTON UNIFIED DIST		58	35	24	35	37	38	52	47	44	44	
LAUGHARN SCHOOL		58	35	24	35	37	38	52				
CLIFTON HIGH SCHOOL									47	44	44	
MORENCI UNIFIED DIST		71	59	58	59	58	57	62	54	54	54	
FAIRBANKS SCHOOL		71	59	58	59	58						
MORENCI JR/SR HIGH							57	62	54	54	54	
BLUE ELEM DISTRICT							54					
BLUE SCHOOL							54					
EAGLE ELEM DISTRICT			59					30				
EAGLE ELEM SCHOOL			59					30				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
MARICOPA		59	55	51	54	53	57	60	55	52	55	
WILLIAMS AFB ACCOM S		70	42	50	64	48	52	66	50			
WILLIAMS AFB ACCOM		70	42	50	64	48	52	66	50			
HORSE MESA ACCOM SCH		14	32	5	1	19	16	34	22	12	11	
HORSE MESA ACCOM		14	32	5	1	19	16	34				
ESTRELLA MOUNTAIN HS									22	12	11	
MESA UNIFIED DISTRIC		62	57	53	55	54	59	63	61	54	59	
ADAMS SCHOOL		48	43	41	44	40						
ALMA SCHOOL		79	67	61	67	73						
EDISON SCHOOL		56	48	48	49	47						
EMERSON SCHOOL		58	52	44	58	53						
FRANKLIN SCHOOL		74	71	77	77	74						
HAWTHORNE SCHOOL		58	54	59	58	62						
HOLMES SCHOOL		52	40	35	44	41						
IRVING SCHOOL		65	56	55	52	58						
JEFFERSON SCHOOL		52	38	36	46	40						
LEHI SCHOOL		61	42	47	48	45						
LINCOLN SCHOOL		55	39	39	41	36						
LONGFELLOW SCHOOL		44	41	35	43	49						
LOWELL SCHOOL		48	43	35	45	37						
WEBSTER SCHOOL		55	56	45	38	39						
WHITTIER SCHOOL		51	49	48	49	59						
WHITMAN SCHOOL		45	41	39	38	45						
TAFT SCHOOL		47	51	39	49	43						
HALE SCHOOL		52	63	64	62	69						
EISENHOWER SCHOOL		49	50	47	49	45						
ROOSEVELT SCHOOL		56	64	63	60	63						
LINDBERGH SCHOOL		44	55	38	51	50						
REDBIRD SCHOOL		43	42	48	48	48						
SALK SCHOOL		63	58	49	41	46						
FIELD SCHOOL		61	64	57	61	59						
WASHINGTON SCHOOL		78	69	69	78	68						
STEVENSON SCHOOL		48	54	38	33	36						
KELLER SCHOOL		54	51	60	43	49						

ARIZONA PUPIL ACHIEVEMENT TESTING

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
MACARTHUR SCHOOL		81	72	64	74	71						
JORDAN SCHOOL		82	69	69	71	73						
POMEROY SCHOOL		71	64	55	61	59						
HIGHLAND SCHOOL		75	66	56	57	59						
CRISMON SCHOOL		66	61	56	63	65						
ROBSON SCHOOL		73	65	66	55	52						
SIRRINE SCHOOL		82	72	64	60	72						
JOHNSON SCHOOL		66	59	66	53	54						
SANDRA DAY O'CONNER		65	55	56	55	56						
FROST ELEMENTARY		68	56	50	59	50						
MENDOZA ELEMENTARY		51	55	46	48	52						
ISHIKAWA ELEMENTARY		67	65	63	64	65						
MADISON ELEMENTARY		78	64	49	61	52						
SOUSA ELEMENTARY		61	44	42	50	62						
HERMOSA VISTA		63	62	56	61	60						
MESA JUNIOR HIGH							50	58	53			
CARSON JUNIOR HIGH							55	57	55			
KINO JUNIOR HIGH							60	63	65			
FREMONT JUNIOR HIGH							50	56	49			
POWELL JUNIOR HIGH							49	54	59			
POSTON JUNIOR HIGH							65	70	73			
RHODES JUNIOR HIGH							65	72	68			
TAYLOR JUNIOR HIGH							65	69	63			
HENDRIX JUNIOR HIGH							65	65	62			
SHEPHERD JUNIOR HIGH							55	58	65			
MESA VO-TECH										24	30	
MESA HIGH SCHOOL										54	55	
WESTWOOD HIGH SCHOOL										53	55	
MOUNTAIN VIEW HIGH										66	68	
DOBSON HIGH SCHOOL										59	60	
RED MOUNTAIN HIGH										45	57	
MESA VISTA						11	24	25	25	27	42	
TAPP								21	60	56	55	
SALT RIVER VISTA							18	11	25	5	26	
WICKENBURG UNIFIED D		51	44	41	49	48	45	52	48	50	48	
MACLENNAN SCHOOL		51	44									
VULTURE PEAK SCHOOL				41	49	48	45	52				
WICKENBURG H. S.									48	50	48	

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
PEORIA UNIFIED DISTR		71	65	61	63	60	67	68	59	53	54	
PEORIA ELEMENTARY		57	60	51	57	52	57	60				
IRA A MURPHY SCHOOL		55	55	50	55	56	50	59				
KACHINA SCHOOL		84	64	53	65	63	70	71				
HERITAGE SCHOOL		74	60	66	65	64	71	66				
PIONEER SCHOOL		75	62	62	59	64	76	76				
ALTA LOMA SCHOOL		61	60	51	51	49	52	53				
DESERT PALMS SCHOOL		70	65	62	69	59	62	77				
FOOTHILLS SCHOOL		67	63	67	62	58	67	70				
COPPERWOOD SCHOOL		80	69	60	74	65	72	69				
SUNDANCE SCHOOL		71	65	62	60	63	61	67				
COTTON BOLL ELEM		68	57	65	60	60	75	69				
OAKWOOD		76	79	71	64	70	73	76				
DESERT VALLEY		84	73	68	73	68	74	74				
SAHUARO RANCH		71	68	70	72	66	74	62				
OASIS ELEMENTARY		75	69	57	63	53	66	67				
SUN VALLEY ELEM		58	59	63	60	54	62	69				
SKYVIEW ELEMENTARY		78	74	62	56	60	71					
PEORIA HIGH SCHOOL									53	46	47	
CACTUS HIGH SCHOOL									62	59	58	
IRONWOOD HIGH SCHOOL									60	55	56	
GILA BEND UNIFIED DI		30	33	42	28	30	47	41	38	41	44	
GILA BEND SCHOOL		30	33	42	28	30						
GILA BEND H. S.							47	41	38	41	44	
GILBERT UNIFIED DIST		69	62	59	62	61	63	65	64	60	60	
GILBERT HIGH SCHOOL									64	60	60	
GILBERT JUNIOR HIGH							61	64				
GILBERT ELEMENTARY		68	70	56	63	63						
GREENFIELD ELEMENTAR		65	60	68	67	60						
PATTERSON ELEMENTARY		69	60	61	66	68						
NEELY ELEMENTARY		81	54	56	66	55						
PIONEER ELEMENTARY		68	65	48	59	60						
MESQUITE JUNIOR HIGH							66	66				
ISLANDS ELEMENTARY		63	55	60	58	57						

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
HOUSTON ELEMENTARY		66	67	67	64	66						
BURK ELEMENTARY		73	61	44	58	61						
VAL VISTA LAKE		74	68	62	60	62						
SCOTTSDALE UNIFIED D		74	70	63	65	64	67	73	67	64	64	
COCHISE SCHOOL		80	70	75	73	74						
TAVAN SCHOOL		59	64	53	54	54						
INGLESIDE MIDDLE							72	78				
KIVA SCHOOL		78	79	75	76	76						
TONALEA SCHOOL		65	61	61	64	55						
PIMA SCHOOL		66	64	50	62	54						
SUPAI MIDDLE SCHOOL							53	57				
HOPI SCHOOL		76	74	71	71	67						
NAVAJO SCHOOL		55	61	46	52	48						
HOHOKAM SCHOOL		62	66	53	53	42						
YAVA PAI SCHOOL		52	47	41	45	55						
MOHAVE MIDDLE SCHOOL							67	70				
COCOPAH MIDDLE							75	82				
PUEBLO SCHOOL		74	68	54	64	60						
CHEROKEE SCHOOL		81	72	78	79	71						
ANASAZI SCHOOL		79	77	65	68	63						
LAGUNA SCHOOL		83	79	71	71	71						
SEQUOYA SCHOOL		90	79	69	71	71						
ZUNI SCHOOL		81	75	69	66	63						
ARCADIA HIGH SCHOOL									70	65	65	
CORONADO HIGH SCHOOL									56	55	53	
SAGUARO HIGH SCHOOL									68	63	66	
CHAPARRAL H. S.									74	74	69	
ALTERNATIVE H. S.									33	21	40	
PARADISE VALLEY UNIF		68	60	57	62	60	61	62	59	54	56	
CAMPO BELLO SCHOOL		50	58	53	61	61						
GOLD DUST SCHOOL		73	54	52	60	69						
MERCURY MINE SCHOOL		82	72	65	68	66						
VISTA VERDE SCHOOL							59	59				
DESERT SHADOWS		83	70	60	72	67						
SHEA MIDDLE SCHOOL							59	60				
LARKSPUR SCHOOL		68	50	45	47	49						

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
PALOMINO SCHOOL		61	52	49	44	49						
INDIAN BEND SCHOOL		73	59	61	64	51						
ARROWHEAD SCHOOL		62	50	49	43	47						
DESERT SHADOWS MIDDL							63	63				
DESERT COVE SCHOOL		75	62	61	65	65						
LIBERTY SCHOOL		69	65	64	68	71						
AIRE LIBRE SCHOOL		58	60	61	66	54						
SANDPIPER SCHOOL		69	69	62	77	70						
VILLAGE VISTA SCHOOL		68	60	64	68	67						
ECHO MOUNTAIN SCHOOL		53	51	53	57	53						
SUNRISE MIDDLE							63	65				
FOOTHILLS		73	65	56	59	54						
NORTH RANCH		73	66	57	68	68						
PARADISE VALLEY HIGH									53	46	47	
SHADOW MOUNTAIN HIGH									59	57	58	
QUAIL RUN SCHOOL		59	56	45	54	49						
HORIZON HIGH SCHOOL									66	60	60	
DESERT SPRINGS		75	70	63	76	62						
EAGLE RIDGE		62	61	61	51	52						
POLARIS ALTERNATIVE									29	35	43	
HIDDEN HILLS SCHOOL		74	48	51	59	62						
CHANDLER UNIFIED DIS		60	61	54	58	59	60	59	61	52	58	
SAN MARCOS ELEM		58	45	45	41	49						
ERIE SCHOOL		55	58	56	57	59						
GALVESTON SCHOOL		53	64	60	47	49						
HARTFORD SCHOOL		68	68	52	62	57						
KNOX SCHOOL		63	55	49	57	69						
ANDERSEN JUNIOR HIGH							60	62	64			
WILLIS JUNIOR HIGH							60	54	59			
FRYE SCHOOL		36	43	42	54	50						
WEINBERG SCHOOL		65	58	56	60	50						
ANDERSEN ELEM		68	65	62	61	60						
CHANDLER HIGH SCHOOL										52	58	
HUMPHREY ELEMENTARY		64	68	54	56	63						
SHUMWAY ELEMENTARY		57	64	55	68	67						
GOODMAN SCHOOL		76	73	69	69	74						

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
DYSART UNIFIED DISTR		42	54	42	36	37	35	36	30	33	38	
DYSART JUNIOR HIGH							35	36				
EL MIRAGE SCHOOL		31	41	40	33	33						
LUKE SCHOOL		52	73	54	52	48						
SURPRISE SCHOOL		43	48	41	25	37						
DYSART HIGH SCHOOL									30	33	38	
KINGSWOOD SCHOOL		36	46	36	44	32						
CAVE CREEK UNIFIED D		67	57	62	61	56	62	58	57	52	52	
BLACK MOUNTAIN			57	62	61							
CAVE CREEK SCHOOL		67										
DESERT ARROYO MIDDLE						56	62	58				
CACTUS SHADOWS H S									57	52	52	
QUEEN CREEK UNIFIED		53	59	58	62	61	51	53	45	37	43	
QUEEN CREEK ELEM		53	59	58	62	61						
QUEEN CREEK JR HIGH							51	53				
QUEEN CREEK H.S.									45	37	43	
DEER VALLEY UNIFIED		59	58	53	56	53	58	61	53	47	48	
CONSTITUTION SCHOOL		59	60	46	47	41						
DEER VALLEY JHS							56	57				
NEW RIVER SCHOOL		48	53	64	53	48						
PARK MEADOWS SCHOOL		50	48	52	55	47						
SUNRISE SCHOOL		65	63	57	54	59						
VILLAGE MEADOWS		52	49	46	52	45						
MOUNTAIN SHADOWS		62	59	50	55	64						
DESERT WINDS SCHOOL		53	58	51	56	49						
MIRAGE SCHOOL		61	53	52	57	53						
DEER VALLEY HIGH SCH									56	49	51	
DESERT SKY JHS							60	64				
BELLAIR SCHOOL		62	57	59	64	62						
GREENBRIER		62	73	57	59	54						
BARRY GOLDWATER H.S.									50	46	46	
ARROWHEAD ELEMENTARY		70	67	61	59	63						

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
FOUNTAIN HILLS UNIFI		75	69	62	57	62	63	70				
FOUR PEAKS					57	62	63	70				
MCDOWELL MTN ELEM		75	69	62								
HIGLEY ELEM DISTRICT		55	57	48	29	49	54	62				
HIGLEY SCHOOL		55	57	48	29	49	54	62				
AGUILA ELEM DISTRICT		48	21	38	18	33	43	41				
AGUILA SCHOOL		48	21	38	18	33	43	41				
SENTINEL ELEM DISTRI		40	64	28	41	64	30	62				
SENTINEL SCHOOL		40	64	28	41	64	30	62				
MORRISTOWN ELEM DIST		50	20	51	51	23	29	36				
MORRISTOWN		50	20	51	51	23	29	36				
NADABURG ELEM DISTRI		46	37	54	34	34	52	56				
NADABURG SCHOOL		46	37	54	34	34	52	56				
MOBILE ELEM DISTRICT		14	40	14		16						
MOBILE ELEMENTARY		14	40	14		16						
RUTH FISHER ELEM DIS		61	48	66	36	49	69	58				
RUTH FISHER SCHOOL		61	48	66	36	49	69	58				
PALOMA ELEM DISTRICT		20	40	36	34	15	44	50				
KISER ELEM.		20	40	36	34	15	44	50				

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
PHOENIX ELEM DISTRIC		43	35	36	38	42	40	40				
BETHUNE SCHOOL		45	30	30	31	32	46	49				
CAPITOL SCHOOL		68	40	53	59	64						
DUNBAR SCHOOL		30	37	31	43	25						
EDISON SCHOOL		34	38	31	35	31	30	39				
EMERSON SCHOOL		40	25	56	57	41						
GARFIELD SCHOOL		54	26	22	27	32						
HEARD SCHOOL		49	53	53	40	49	45	42				
HERRERA SCHOOL		21	32	29	32	35	41	35				
KENILWORTH SCHOOL		27	38	30	36	51						
LOWELL SCHOOL		37	27	32	47	46						
OTT SCHOOL		33	45	42	34	52						
SHAW SCHOOL		48	28	31	30	38						
WHITTIER SCHOOL		56	27	33	49	49						
RIVERSIDE ELEM DISTR		20	2	2	1	4	2	3				
RIVERSIDE SCHOOL		20	2	2	1	4	2	3				
TEMPE ELEM DISTRICT		49	44	44	47	48	54	57				
FRANK SCHOOL		34	31	32	37	45						
CARMINATI SCHOOL		54	49	43	54							
BROADMOR SCHOOL		69	65	48	60	62						
THEW SCHOOL		28	29	31	29							
HOLDEMAN SCHOOL		45	35	40	45	39						
LAIRD SCHOOL		44	43	42	39	49						
MEYER SCHOOL		58	39	39	48	46						
EVANS SCHOOL		34	48	41	43							
HUDSON SCHOOL		64	56	43	49	54						
SCALES SCHOOL		45	39	29	45							
CURRY SCHOOL		48	48	55	58							
ARREDONDO SCHOOL		50	44	53	44	46						
BUSTOZ SCHOOL		52	56	61	55	73						
NEVITT SCHOOL		44	39	37	38	46						
WOOD SCHOOL		62	47	41	48							
AGUILAR SCHOOL		54	56	43	43	61						
ROVER SCHOOL		57	49	66	55	58						

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
FULLER SCHOOL		66	51	59	65	53						
MCKEMY JHS						49	59	57				
GILLILAND JHS						39	48	53				
CONNOLLY JHS						45	57	59				
FEES JHS						42	52	58				
ISAAC ELEM DISTRICT		49	39	41	41	42	42	44				
ISAAC JHS							42	44				
J B SUTTON SCHOOL		48	23	33	37	36						
ALTA E BUTLER SCHOOL		27	19	31	30	40						
P T COE SCHOOL		64	50	50	49	43						
JOSEPH ZITO SCHOOL		50	47	47	47	44						
MITCHELL SCHOOL		40	65	51	42	55						
WASHINGTON ELEM DIST		58	59	54	58	57	61	65				
ACACIA SCHOOL		68	73	59	58	52						
ALTA VISTA SCHOOL		71	74	48	52	60						
ARROYO SCHOOL		63	62	51	53	63						
CACTUS WREN SCHOOL		53	65	46	63	51						
CHAPARRAL SCHOOL		57	53	52	63	62						
CHOLLA SCHOOL							60	59				
DESERT FOOTHILLS							66	70				
DESERT VIEW SCHOOL		58	50	32	47	57						
IRONWOOD SCHOOL		68	67	63	59	56						
JOHN JACOBS SCHOOL		52	53	52	56	58						
LAKEVIEW SCHOOL		51	54	47	60	63						
LOOKOUT MOUNTAIN		71	74	63	71	67						
MANZANITA SCHOOL		57	71	63	57	63						
MARYLAND SCHOOL		48	40	42	49	44						
MOON MOUNTAIN SCHOOL		45	75	53	49	49						
MOUNTAIN SKY							68	73				
MOUNTAIN VIEW SCHOOL		42	35	44	44	40						
OCOTILLO SCHOOL		40	38	41	48	49						
ORANGEWOOD SCHOOL		54	44	52	54	59						
PALO VERDE SCHOOL							57	64				
RICHARD E MILLER		80	62	71	80	63						
ROADRUNNER SCHOOL		60	78	69	58	59						
ROYAL PALM SCHOOL							53	58				

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	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
SAHUARO SCHOOL		65	63	59	48	57						
SENITA SCHOOL		64	56	59	66	69						
SHAW BUTTE SCHOOL		49	50	42	46	46						
SUNBURST SCHOOL		56	53	52	58	69						
SWEETWATER SCHOOL		66	60	58	61	57						
SUNNYSLOPE SCHOOL		33	37	35	47	46						
SUNSET SCHOOL		64	63	60	59	60						
TUMBLEWEED SCHOOL		52	65	68	71	56						
WASHINGTON SCHOOL		58	57	56	59	59						
WILSON ELEM DISTRICT		26	16	27	26	29	27	45				
WILSON ELEMENTARY		26	16	27	26	29	27	45				
OSBORN ELEM DISTRICT		43	46	46	44	46	50	61				
CLARENDON SCHOOL			48	42	46	47						
ENCANTO SCHOOL		36										
OSBORN MIDDLE SCHOOL							50	61				
SOLANO SCHOOL		63	55	62	48	47						
LONGVIEW SCHOOL		34	37	39	36	42						
CREIGHTON ELEM DISTR		48	46	43	46	44	47	51				
CREIGHTON SCHOOL							47	51				
LARRY C. KENNEDY		55	53	48	48	46						
LOMA LINDA SCHOOL		57	61	46	41	46						
WILLIAM T MACHAN		41	32	32	34	28						
MONTE VISTA SCHOOL		59	51	50	61	55						
PAPAGO SCHOOL		25	32	31	42	43						
SQUAW PEAK SCHOOL		59	52	57	55	47						
TOLLESON ELEM DISTRI		39	45	31	37	45	40	40				
UNIT I SCHOOL		39	45	31								
TOLLESON JUNIOR HIGH					37	45	40	40				
MURPHY ELEM DISTRICT		32	27	31	30	31	36	40				
ALFRED F. GARCIA		29	31	30	32	31	36	43				

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	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
WILLIAM R. SULLIVAN		38	20	29	32	31	32	40				
ARTHUR M. HAMILTON		36	16	27	15	25	32	38				
JACK L. KUBAN SCHOOL		26	46	43	43	40	47	39				
LIBERTY ELEM DISTRIC		59	59	38	50	36	40	42				
LIBERTY SCHOOL		56	60	35	49	36	40	42				
ESTRELLA MOUNTAIN		67	56	46	53	37						
KYRENE ELEM DISTRICT		61	54	50	57	53	57	61				
KYRENE MIDDLE SCHOOL						47	54	58				
C I WAGGONER SCHOOL		66	52	56	62							
KYRENE DEL NORTE		45	45	36	42	56						
KYRENE DE LAS LOMAS		61	51	48	59	59						
KYRENE DEL CIELO		72	63	57	63	61						
KYRENE DE LOS NINOS		48	42	51	53							
KYRENE DE LA PALOMA		52	55	42	53	50						
KYRENE DE LA COLINA		72	71	48	62	54						
PUEBLO MIDDLE SCHOOL							59	63				
KYRENE DEL SURENEO		58	46	51	52	49						
KYRENE DE LA MARIPOS		64	56	64	64	56						
KYRENE DE LOS LAGOS		59	52	55	63	53						
KYRENE MONTE VISTA		65	61	48	57	56						
BALSZ ELEM DISTRICT		36	33	28	38	40	46	51				
BALSZ SCHOOL		29	39	29	41	31	48	57				
CROCKETT SCHOOL		15	26	21	33	32	41	41				
GRIFFITH SCHOOL		54	35	31	39	53	47	58				
ORANGEDALE SCHOOL		37	32	29	38	41	50	46				
BUCKEYE ELEM DISTRIC		36	36	25	33	36	36	44				
BUCKEYE SCHOOL		36	36	25	33	36	36	44				
MADISON ELEM DISTRIC		70	65	65	60	60	61	67				
MADISON NO 1 SCHOOL					63	61	60	67				
MADISON R.C. SIMIS		78	72	68								

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
MADISON ROSE LANE SC		72	61	76								
MADISON PARK II		55	51	36	32	45	49	50				
MADISON MEADOWS					70	69	71	74				
MADISON HEIGHTS		67	75	70								
GLENDALE ELEM DISTRI		47	49	44	47	45	55	57				
GLENDALE LANDMARK							58	61				
ISAAC E IMES SCHOOL		44	49	36	35	37	52	42				
HAROLD W SMITH		32	40	27	37	38						
MELVIN E SINE SCHOOL		40	54	42	71	56						
MENSENDICK/JACK		45	54	47	43	43						
GLENN F BURTON		52	38	37	42	37						
GLENDALE AMERICAN		61	61	57	52	51						
BICENTENNIAL SCHOOL		45	46	42	48	49						
HORIZON SCHOOL		57	48	54	48	39						
CHALLENGER SCHOOL							52	55				
AVONDALE ELEM DISTRI		53	40	39	39	42	44	49				
AVONDALE SCHOOL		53										
AVONDALE JUNIOR HIGH							44	49				
LATTIE COOR SCHOOL					39	42						
PIONEER SCHOOL			40	39								
FOWLER ELEM DISTRICT		50	56	43	42	42	44	52				
FOWLER SCHOOL				43	42	42	44	52				
SUNRIDGE SCHOOL		50	56									
ARLINGTON ELEM DISTR		70	72	54	43	60	65	48				
ARLINGTON SCHOOL		64		56	52	70	76	57				
HARQUAHALA VALLEY		79		50	16	47	41	44				
PALO VERDE ELEM DIST		40	46	47	34	41	57	75				
PALO VERDE SCHOOL		40	46	47	34	41	57	75				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
LAVEEN ELEM DISTRICT		43	39	41	45	43	48	50				
LAVEEN SCHOOL		57	50	52	51	44	48	48				
MC CASH SCHOOL		26	27	30	37	40	49	54				
UNION ELEM DISTRICT		14	18	42	34	30	25					
UNION SCHOOL		14	18	42	34	30	25					
LITTLETON ELEM DISTR		53	45	44	39	41	48	49				
LITTLETON SCHOOL		53	45	44	39	41						
UNDERDOWN JHS							48	49				
ROOSEVELT ELEM DISTR		42	40	42	43	42	49	49				
RIO VISTA SCHOOL		62	33	25	24	27	35	40				
PERCY L JULIAN					41	43	55	45				
SUNLAND SCHOOL		29	35	37	39	32	45	46				
SIERRA VISTA SCHOOL		27	45	49	52	60	52	49				
VALLEY VIEW SCHOOL		29	36	47	50	43	53	50				
C J JORGENSEN SCHOOL		41	42	42	39	36	55	55				
PALMDALE SCHOOL		50	42	40	46	40	55	55				
ROSE LINDA SCHOOL		49	34	38	39	41	50	57				
MARTIN LUTHER KING J		49	42	55								
T G BARR SCHOOL		35	28	26	30	26	37	37				
V H LASSEN SCHOOL		40	35	40	51	40	44	48				
JOHN F KENNEDY		47	41									
C O GREENFIELD				34	41	43	39	42				
IGNACIO CONCHOS		20	24	28	45	48	43	42				
JOHN R DAVIS SCHOOL		38	53	40	48	42	58	60				
MAXINE O. BUSH		50	49	51	48	50	53	54				
SOUTHWEST SCHOOL		48	61	68	57	64	58	71				
ALHAMBRA ELEM DISTRI		55	49	56	56	52	56	59				
ALHAMBRA TRADITIONAL		85	71	70	77	76	78	92				
ANDALUCIA SCHOOL		38	52	39	56	45	48	44				
BARCELONA SCHOOL		45	57	61	52	54	62	66				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
CATALINA SCHOOL		64	44	57	50	52	64	68				
CORDOVA SCHOOL		45	36	57	46	51	42	47				
GRANADA SCHOOL		49	48	54	57	53	51	56				
SEVILLA SCHOOL		62	45	67	54	52						
R E SIMPSON SCHOOL			54	54	53	46	48	53				
WESTWOOD PRIMARY		59	44									
LITCHFIELD ELEM DIST		63	62	62	62	54	69	68				
LITCHFIELD SCHOOL		71	63	66	66	57	76	77				
SCOTT LIBBY SCHOOL		49	61	55	57	51	58	57				
CARTWRIGHT ELEM DIST		61	57	55	52	53	59	57				
CARTWRIGHT SCHOOL		52	53	52	42	48						
GLENN L DOWNS SCHOOL		47	50	52	47	53						
JOHN F LONG SCHOOL		63	64	52	47	49						
JUSTINE SPITALNY		66	55	53	50	56						
HOLIDAY PARK SCHOOL		64	60	61	60	48						
SUNSET SCHOOL		50	45	52	60	48						
STARLIGHT PARK		55	53	52	45	52						
CHARLES W HARRIS		61	60	57	44	51						
DESERT SANDS JR HIGH							63	58				
FRANK BORMAN JR HIGH							56	53				
HEATHERBRAE SCHOOL		75	58	67	57	50						
ESTRELLA JUNIOR HIGH							58	58				
PALM LANE SCHOOL		66	50	42	53	48						
PERALTA SCHOOL		47	59	55	44	54						
BYRON A BARRY SCHOOL		62	74	48	53	57						
TOMAHAWK SCHOOL		71	59	61	61	65						
PENDERGAST ELEM DIST		49	49	44	47	46	53	55				
PENDERGAST SCHOOL		52	45	42	46	48	52	53				
DESERT HORIZON		52	50	46	47	47	56	64				
WESTWIND SCHOOL		39	49	39	50	39	49	49				
VILLA DE PAZ		54	54	49	46	52	54	54				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
BUCKEYE UNION H.S.									46	54	46	
BUCKEYE UNION H. S.									46	54	46	
GLENDALE UNION H.S.									62	61	63	
APOLLO HIGH SCHOOL									62	63	65	
CORTEZ HIGH SCHOOL									55	56	60	
GLENDALE HIGH SCHOOL									52	53	51	
GREENWAY HIGH SCHOOL									67	64	65	
INDEPENDENCE H. S.									56	59	49	
MOON VALLEY H. S.									66	66	68	
SUNNYSLOPE H. S.									70	59	69	
THUNDERBIRD H. S.									62	61	61	
WASHINGTON H. S.									63	63	65	
PHOENIX UNION H.S.									40	38	41	
ALHAMBRA HIGH SCHOOL									46	41	49	
METRO TECH E.S.O.									29	15	28	
METRO TECH VIP									23	28	26	
B.A.C.E.									30	22	23	
TREVOR BROWNE H. S.									40	40	42	
CAMELBACK H. S.									45	43	46	
CENTRAL HIGH SCHOOL									46	45	46	
CYESIS - EAST									44	34	38	
CYESIS - WEST									65	27	43	
CARL HAYDEN H. S.									35	33	38	
MARYVALE HIGH SCHOOL									43	40	44	
NORTH HIGH SCHOOL									45	39	44	
SOUTH MOUNTAIN HIGH									35	31	31	
TEMPE UNION H.S.									59	55	58	
TEMPE HIGH SCHOOL									54	52	58	
MCCLINTOCK H. S.									53	52	58	
MARCOS DE NIZA H. S.									60	53	59	
CORONA DEL SOL H. S.									63	61	57	
EVENING SCHOOL										66		

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
TOLLESON UNION H.S.									46	45	47	
TOLLESON UNION H. S.									45	45	47	
WESTVIEW H. S.									48			
AGUA FRIA UNION H.S.									47	42	55	
AGUA FRIA UNION H.S.									47	42	55	

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COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
MOHAVE		57	48	45	47	48	50	55	48	46	51	
LAKE HAVASU UNIFIED		65	57	58	58	59	57	59	54	53	55	
SMOKETREE SCHOOL		60	53	57	58	54						
LAKE HAVASU JHS							57	59				
HAVASUPAI SCHOOL		58	51	48	50	50						
STARLINE SCHOOL		70	64	64	61	60						
NAUTILUS SCHOOL		75	67	47	60	63						
ORO GRANDE SCHOOL		63	54	66	62	67						
LAKE HAVASU H. S.									54	53	55	
COLORADO CITY UNIFIE		51	37	45	45	46	53	68	53	46	62	
COLORADO CITY ELEMEN		51	37	45	45	46	53	68	53	46	62	
HACKBERRY ELEM DISTR		43		30		40						
HACKBERRY		43		30		40						
KINGMAN ELEM DISTRIC		61	52	44	46	51	51	50				
KINGMAN JUNIOR HIGH							51	50				
PALO CHRISTI SCHOOL		51	45	32	46	46						
MANZANITA SCHOOL		66	52	45	47	59						
LA SENITA SCHOOL		56	50	46	42	43						
HUALAPAI SCHOOL		72	62	51	49	54						
OWENS WHITNEY ELEM D		69	67	55	43	55	46	48				
OWENS WHITNEY SCHOOL		69	67	55	43	55	46	48				
PEACH SPRINGS ELEM D		9	17	13	18	19	24	26				
PEACH SPRINGS SCHOOL		9	17	13	18	19	24	26				
LITTLEFIELD ELEM DIS		43	46	53	36	56						
LITTLEFIELD SCHOOL		43	46	53	36	56						

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
CHLORIDE ELEM DISTRI		24	41	33	40	32	44	68				
MOUNT TIPTON SCHOOL		24	41	33	40	32	44	68				
YUCCA ELEM DISTRICT		59	54		32	45						
YUCCA SCHOOL		59	54		32	45						
BULLHEAD CITY ELEM D		52	44	40	44	40	50	62				
BULLHEAD PRIMARY		52										
BULLHEAD CITY JHS						40	50	62				
BULLHEAD CITY INTERM			44	40	44							
MOHAVE VALLEY ELEM D		46	34	36	38	36	40	45				
MOHAVE VALLEY ELEM		32	32	33	37							
MOHAVE VALLEY JHS						36	40	45				
FORT MOHAVE ELEM		58	37	41	40							
VALENTINE ELEM DISTR		55	52	49	57	39	46	53				
VALENTINE SCHOOL		55	52	49	57	39	46	53				
COLORADO RIVER UNION									44	43	43	
COLORADO UNION HIGH									44	43	43	
MOHAVE UNION H.S.									47	45	53	
KINGMAN HIGH SCHOOL									47	45	53	

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	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
NAVAJO		44	43	39	42	39	45	47	46	44	47	
WINSLOW UNIFIED DIST		43	49	42	49	43	60	58	45	45	48	
WASHINGTON SCHOOL		47	49	56	49	45						
JEFFERSON SCHOOL		35	47	29	39	36						
BONNIE BRENNAN		45	51	37	57	50						
WINSLOW JUNIOR HIGH							60	58				
WINSLOW HIGH SCHOOL									45	45	48	
JOSEPH CITY UNIFIED		66	54	40	43	45	46	41	62	52	52	
JOSEPH CITY		66	54	40	43	45						
JOSEPH CITY H. S.							46	41	62	52	52	
HOLBROOK UNIFIED		52	46	43	48	40	50	50	45	43	40	
HULET SCHOOL		55	47	43	48							
PARK SCHOOL		48	46	44	47							
HOLBROOK JUNIOR HIGH						40	50	50				
HOLBROOK HIGH SCHOOL									45	43	40	
PINON UNIFIED DISTRI		21	18	16	14	14	16	22	25			
PINON SCHOOL		21	18	16	14	14						
PINON JHS							16	22	25			
SNOWFLAKE UNIFIED DI		52	53	51	47	47	49	48	61	55	55	
SNOWFLAKE INTERMED				51	51	49						
TAYLOR SCHOOL		47	50	52	41	42						
SNOWFLAKE JHS							49	48				
HIGHLAND PRIMARY		55	54									
SNOWFLAKE H. S.									61	55	55	
HEBER-OVERGAARD UNIF		63	49	60	49	49	44	52	51	36	43	
CAPPS ELEMENTARY		63	49	60	49	49	44	52				
MOGOLLON HIGH SCHOOL									51	36	43	

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NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
SHOW LOW UNIFIED DIS		64	46	38	52	44	46	60	52	49	55	
SHOW LOW ELEMENTARY		66	41									
SHOW LOW INTER				32	49	44						
PINEDALE/CLAY SPRING		34	65	52	58							
SHOW LOW JUNIOR HIGH							46	60				
SHOW LOW HIGH SCHOOL									52	49	55	
LINDEN ELEMENTARY		77	61	78	69							
WHITERIVER UNIFIED D		16	13	12	24	20	32	29	36	29	37	
WHITERIVER SCHOOL		18	12	12	24							
SEVEN MILE SCHOOL		13	17	13	26							
WHITERIVER JHS						20	32	29				
ALCHESAY HIGH SCHOOL									36	29	37	
CEDAR UNIFIED DISTRI		16	23	36	34	31	36	40	36			
JEDDITO SCHOOL		16	23	36	34	31	36	40	36			
KAYENTA UNIFIED DIST		37	55	38	41	36	42	45	39	38	49	
KAYENTA PRIMARY		37										
MONUMENT VALLEY H.S.									39	38	49	
KAYENTA MIDDLE						36	42	45				
KAYENTA INTERMEDIATE			55	38	41							
BLUE RIDGE UNIFIED		70	56	50	52	54	55	56	52	43	47	
BLUE RIDGE		70	56									
BLUE RIDGE H. S.									52	43	47	
BLUE RIDGE MIDDLE				50	52	54						
BLUE RIDGE JHS							55	56				

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	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
PIMA		54	49	46	48	47	51	56	53	48	55	
ZIMMERMAN ACCOM SCHL		29	27		62							
ZIMMERMAN ACCOMM		29	27		62							
TUCSON UNIFIED DISTR		51	45	41	45	45	50	53	52	46	55	
BLENMAN SCHOOL		56	46	40	48							
BLOOM SCHOOL		81	57	52	55	66						
BONILLAS SCHOOL		73	67	66	63	55						
BOOTH SCHOOL		64	54	44	44							
BORMAN SCHOOL		60	45	46	52	44						
BORTON SCHOOL		47	38									
BRICHTA SCHOOL		57	64	52	58	48						
CARRILLO SCHOOL				39	40	37						
CAVETT SCHOOL		31	31	23	27	29						
COLLIER SCHOOL		64	60	62	61	70						
CORBETT SCHOOL		53	47	40	56	51						
CRAGIN SCHOOL		50	45	45	43							
DAVIDSON SCHOOL		51	43	38	33							
DAVIS SCHOOL		38	43	29	38							
DIETZ SCHOOL		45	45	34	52	46						
DRACHMAN SCHOOL		24	25									
DUFFY SCHOOL		55	72	39	56	67						
DUNHAM SCHOOL		67	53	50	53							
ERICKSON SCHOOL		44	32	46	39	40						
FORD SCHOOL		48	42	43	43	51						
FT LOWELL SCHOOL		52	37	31	38	35						
FRUCHTHENDLER SCHOOL		86	73	83	81	72						
GALE SCHOOL		77	62	50	67	55						
GRIJALVA		43	44	45	47	51						
HENRY SCHOOL		51	63	56	63							
HOLLADAY SCHOOL				35	47	38						
HOLLINGER SCHOOL		19	21	7	11	21						
HOWELL SCHOOL		44	43	54	52	58						
HUDLOW SCHOOL		61	47	39	54	62						
HUGHES SCHOOL		75	53	54	69	60						
JEFFERSON PARK SCHOO		52	61	56	46							
KEEN SCHOOL		32	20	31	33	31						

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	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
KELLOND SCHOOL		65	66	56	58	46						
LAWRENCE SCHOOL		20	24	15	24							
LINEWEAVER SCHOOL		72	65	64	71	76						
LYNN SCHOOL		23	22	29	34	34						
LYONS SCHOOL		52	44	31	29							
MANZO SCHOOL		32	25	25	35	23						
MARSHALL SCHOOL		61	54	51	54	54						
MENLO PARK SCHOOL		45	35	24	28	40						
MILES EXPLORATORY		49	33	31	33	30	56	66				
MISSION VIEW SCHOOL		41	19	19	25	21						
MYERS SCHOOL		36	35	48	41	32						
OCHOA SCHOOL		32	34	17	39	35						
PUEBLO GARDENS		18	20	21	31	31						
REYNOLDS SCHOOL		52	49	54	48	50						
RICHEY SCHOOL		33	41	27	25	27						
ROBERTS SCHOOL		28	28	38	29							
ROBISON SCHOOL		52	36	41	38	33						
ROGERS SCHOOL		76	55	56	61	61						
MILLER SCHOOL		43	40	19	39	34						
ROSE SCHOOL		35	17	23	25	19						
ROSKRUGE SCHOOL		1	32	29	25							
SAFFORD ELEM SCHOOL		20	43	25	31							
SCHUMAKER SCHOOL		65	48	41	59	47						
SEWELL SCHOOL		67	66	48	57	56						
SMITH SCHOOL		47	57	34	55	50						
STEELE SCHOOL		59	60	54	63	39						
TOLSON SCHOOL		41	38	38	31							
TULLY SCHOOL		50	58	46	53	42						
SOLENG TOM SCHOOL		72	61	53	62	44						
VAN BUSKIRK SCHOOL		20	33	26	32	34						
VAN HORNE SCHOOL		61	58	54	63	69						
VESEY SCHOOL		43	39	48	45	42						
WARREN SCHOOL		29	23	28	38	38						
WHEELER SCHOOL		64	46	47	58	61						
WHITE SCHOOL		44	32	37	32							
WHITMORE SCHOOL		79	74	66	64	64						
WRIGHT SCHOOL		42	42	41	48	52						
WRIGHTSTOWN SCHOOL		83	67	69	68	65						
BASIC CURRICULUM							51	61				
CARSON JHS						35	49	54				

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APRIL 1990

COUNTY DISTRICT SCHOOL	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
DOOLEN JHS						46	44	45				
FICKETT JHS						53	60	65				
GRIDLEY JHS						58	59	64				
MAGEE JHS							59	59				
MANSFELD JHS							45	56				
MAXWELL JHS						44	44	49				
NAYLOR						22	35	43				
PISTOR JHS						30	50	47				
BILINGUAL MAGNET						35	31	39				
SAFFORD JHS						50	47	48				
SECRIST JHS						46	57	64				
MALDONADO		38	35	36	26							
TOWNSEND JHS							60	59				
UTTERBACK JHS							51	52				
VAIL JHS							69	64				
WAKEFIELD JHS							32	33				
HOHOKAM						24	34	44				
JUNIOR HIGH ACCOM							8	26				
HOWENSTINE							21	25	42			
UNIVERSITY H. S.									88	87	91	
CATALINA HIGH SCHOOL									44	36	46	
CHOLLA HIGH SCHOOL									46	39	41	
PALO VERDE H. S.									55	45	56	
PROJECT MORE									37	41	32	
PUEBLO HIGH SCHOOL									37	29	35	
RINCON HIGH SCHOOL									46	47	52	
SABINO HIGH SCHOOL									65	61	59	
SAHUARO HIGH SCHOOL									63	54	64	
SANTA RITA H. S.									54	50	57	
TUCSON HIGH SCHOOL									47	43	47	
SENIOR HIGH ACCOM											25	
TEEN-AGE PARENT PROG								39	42	27	38	
MARANA UNIFIED DISTR		67	54	55	54	54	58	64	57	54	61	
ESTES SCHOOL		45	49	51	47							
THORNYDALE SCHOOL		63	49	51	50	56						
MARANA JHS						53	53	67				
BUTTERFIELD SCHOOL		77	59	62	56	55						
MARANA HIGH SCHOOL									52	42	53	

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
TORTOLITA JHS							60	62				
ROADRUNNER SCHOOL		59	43	50	57							
DESERT WINDS SCHOOL		64	52	44	53							
DEGRAZIA SCHOOL		77	59	63	58	54						
MOUNTAIN VIEW SCHOOL									60	61	66	
IRONWOOD SCHOOL		65	63	56	55	52						
FLOWING WELLS UNIFIE		60	56	54	54	47	52	54	58	54	59	
HOMER DAVIS SCHOOL		51	49	54	41							
WALTER DOUGLAS		58	51	56	57							
LAGUNA SCHOOL		59	38	52	54							
FLOWING WELLS JHS						47	52	54				
FLOWING WELLS H. S.									58	54	59	
INSCAPE SCHOOL										66	55	
ROBERT RICHARDSON		69	72	53	59							
AMPHITHEATER UNIFIED		58	61	56	59	58	57	61	59	55	57	
MARION DONALDSON		73	75	70	64	63						
WINIFRED HARELSON		73	74	72	67	68						
F O HOLAWAY SCHOOL		61	58	60	55	58						
HELEN KEELING SCHOOL		28	38	37	55	47						
E C NASH SCHOOL		30	40	32	42	46						
L M PRINCE SCHOOL		52	37	42	40	46						
LULU WALKER SCHOOL		58	59	61	63	57						
CORONADO SCHOOL		56	63	50	50							
MESA VERDE SCHOOL		64	67	64	56	73						
RIO VISTA SCHOOL		64	59	48	71	63						
AMPHITHEATER JR HIGH							54	60				
LAWRENCE W CROSS JR						65	61	63				
CORONADO MIDDLE						54	54					
COPPER CREEK ELEM		70	70	68	69							
AMPHITHEATER EVENING									40	23	34	
AMPHITHEATER H. S.									54	49	49	
CANYON DEL ORO HIGH									64	63	66	
SUNNYSIDE UNIFIED DI		42	43	40	39	39	41	50	45	42	44	
SUNNYSIDE H. S.									47	45	47	

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COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
SUNNYSIDE ALT ED									26	22	27	
ELVIRA SCHOOL		26	45	31	31							
LOS AMIGOS SCHOOL		12	19	30	36							
DREXEL SCHOOL		38	32	26	40							
ESPERANZA SCHOOL		49	52	79	59							
LIBERTY SCHOOL		37	53	39	39							
CRAYCROFT SCHOOL		44	30	44	22							
LOS RANCHITOS SCHOOL		34	33	26	25							
MISSION MANOR SCHOOL		57	42	45	31							
LOS NINOS SCHOOL		40	48	49	39							
DESERT VIEW H.S.									42	40	43	
APOLLO MIDDLE SCHOOL						32	40	50				
CHAPPARRAL MIDDLE						34	42	53				
SANTA CLARA SCHOOL		46	40	27	31							
GALLEGO SCHOOL		71	68	52	62							
SIERRA MIDDLE SCHOOL						47	41	48				
TANQUE VERDE UNIFIED		74	66	61	64	64	64	67	72			
TANQUE VERDE SCHOOL		73	67	62	66	66						
EMILY GRAY JHS							64	67	72			
AGUA CALIENTE SCHOOL		74	65	60	61	63						
AJO UNIFIED DISTRICT		37	46	40	41	46	43	51	50	49	42	
AJO ELEMENTARY		37	46	40	41							
AJO JUNIOR HIGH						46	43	51				
AJO HIGH SCHOOL									50	49	42	
CATALINA FOOTHILLS U		78	71	70	74	74	71	74				
SUNRISE DRIVE SCHOOL		78	74	67	75	76						
MANZANITA SCHOOL		81	73	75	78	74						
ORANGE GROVE JHS							71	74				
CANYON VIEW		76	66	68	68	71						
SAHUARITA UNIFIED DI		69	59	52	56	49	50	54	48	46	54	
SAHUARITA SCHOOL		73	57	57	52							
SOPORI SCHOOL		57	64	39	65							

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
SAHUARITA JHS						49	50	54				
SAHUARITA H. S.									48	46	54	
INDIAN OASIS-BABOQUI		29	19	24	32	23	33	35	28	25	27	
INDIAN OASIS PRIMARY		29	19									
TOPAWA MIDDLE				24	32	23						
BABOQUIVARI JHS							33	35				
BABOQUIVARI H. S.									28	25	27	
VAIL ELEM DISTRICT		74	56	62	59	41	53	61				
VAIL SCHOOL		74	56	62	59	41	53	61				
CONTINENTAL ELEM DIS		71	40	40	57	49	58	81				
CONTINENTAL SCHOOL		71	40	40	57	49	58	81				
ALTAR VALLEY SCHOOL		50	55	43	52	36	55	55				
MARY E DILL SCHOOL		50	55	43	52	36	55	55				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
PINAL		48	43	40	42	42	46	49	45	40	43	
MARY C O'BRIEN ELEM		17	21	29	46	45						
MARY C O'BRIEN		17	21	29	46	45						
FLORENCE UNIFIED DIS		56	46	39	39	36	42	48	35	25	36	
FLORENCE ELEMENTARY		56	46	39	39							
FLORENCE HIGH SCHOOL									35	25	36	
FLORENCE MIDDLE						36	42	48				
RAY UNIFIED DISTRICT		52	54	37	48	47	49	63	52	46	42	
RAY PRIMARY		52	54	37								
RAY ELEMENTARY					48	47	49	63				
RAY HIGH SCHOOL									52	46	42	
MAMMOTH SAN MANUEL U		47	42	34	37	40	41	43	44	43	45	
MAMMOTH SCHOOL		39	34	38	37	50						
FIRST AVENUE SCHOOL		51	47									
AVENUE B SCHOOL				33	37	37						
GARDNER MIDDLE							41	43				
SAN MANUEL HIGH									44	43	45	
EL CAMINO ED CENTER									50	41		
SUPERIOR UNIFIED DIS		39	48	44	38	41	50	43	40	37	40	
ROOSEVELT SCHOOL							50	43				
KENNEDY SCHOOL		39	48	44	38	41						
SUPERIOR HIGH SCHOOL									40	37	40	
MARICOPA UNIFIED DIS		34	46	55	40	34	44	48	35	39	41	
MARICOPA SCHOOL		34	46	55	40							
MARICOPA HIGH SCHOOL									35	39	41	
MARICOPA MIDDLE						34	44	48				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
COOLIDGE UNIFIED DIS		42	39	47	45	44	49	51	46	41	37	
WEST SCHOOL		42	39									
NORTH SCHOOL				47								
COOLIDGE CENTRAL					45	44	49	51				
COOLIDGE HIGH SCHOOL									46	41	37	
APACHE JUNCTION UNIF		63	54	50	53	53	56	61	50	40	52	
SUPERSTITION MTN		78	46	47	56	56						
APACHE JUNCTION JHS							56	61				
FOUR PEAKS		48	41	32	39	45						
APACHE JUNCTION H S									50	40	52	
GOLD CANYON		71	71	63	65	56						
DESERT VISTA		55	55	53	56	55						
ORACLE ELEM DISTRICT		48	29	36	38	37	44	44				
ORACLE SCHOOL		48	29	36	38	37	44	44				
J O COMBS ELEM DISTR		50	58	44	50	24	53	59				
J O COMBS SCHOOL		50	58	44	50	24	53	59				
CASA GRANDE ELEM DIS		48	40	33	38	42	43	44				
COTTONWOOD SCHOOL		36	49	35	45	44						
EVERGREEN SCHOOL		56	37	43	44	39						
OCOTILLO SCHOOL		46	40	22	24	43						
PALO VERDE SCHOOL		53	41	41	33	27						
SAGUARO SCHOOL		49	33	30	40	46						
CASA GRANDE JHS							43	44				
CHOLLA SCHOOL		48	45	33	36	47						
IRONWOOD SCHOOL		47	32	29	43	41						
RED ROCK ELEM DISTRI		61	67	60	49	31	50	51				
RED ROCK SCHOOL		61	67	60	49	31	50	51				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
ELOY ELEM DISTRICT		20	21	34	33	37	37	45				
ELOY INTERMEDIATE				34	33	37						
CURIEL SCHOOL		20	21									
ELOY JUNIOR HIGH							37	45				
SACATON ELEM DISTRIC		42	42	43	33	30	31	35				
SACATON ELEMENTARY		42	42	43								
SACATON MIDDLE					33	30	31	35				
TOLTEC ELEM DISTRICT		36	39	42	60	43	53	68				
TOLTEC SCHOOL		36	39	42	60	43	53	68				
STANFIELD ELEM DISTR		52	42	29	41	28	42	34				
STANFIELD SCHOOL		52	42	29	41	28	42	34				
PICACHO ELEM DISTRIC		46	42	21	39	47	26	32				
PICACHO SCHOOL		46	42	21	39	47	26	32				
CASA GRANDE UNION H.									45	41	48	
CASA GRANDE UNION									45	41	48	
SANTA CRUZ VLY U H S									37	27	30	
SANTA CRUZ VALLEY HS									37	27	30	

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
SANTA CRUZ		51	42	35	43	40	40	37	38	32	39	
NOGALES UNIFIED DIST		50	42	34	43	38	37	35	37	32	39	
WADE CARPENTER MID						38	39	39				
CORONADO ELEMENTARY		69	69	57	60							
LINCOLN SCHOOL		52	45	28	47							
A J MITCHELL SCHOOL		51	39	26	36							
MARY WELTY SCHOOL		41	34	25	38							
NOGALES HIGH SCHOOL									37	32	39	
PIERSON MIDDLE						38	35	31				
CHALLENGER		39	25	41	40							
SANTA CRUZ VALLEY UN		51	41	33	39	43	45	46				
CALABASAS SCHOOL						43	45	46				
TUBAC SCHOOL		51										
MOUNTAIN VIEW SCHOOL			41	33	39							
SANTA CRUZ ELEM DIST		75	63	52	53	44	51	53				
SANTA CRUZ SCHOOL		75	63	52	53	44	51	53				
PATAGONIA ELEM DISTR		42	41	44	48	66						
PATAGONIA SCHOOL		42	41	44	48	66						
SONOITA ELEM DISTRIC		81	56	59	45	61	65	77				
ELGIN SCHOOL		81	56	59	45	61	65	77				
PATAGONIA UNION HIGH							63	58	62	44	40	
PATAGONIA H. S.							63	58	62	44	40	

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
YAVAPAI		56	51	46	51	49	52	55	54	52	54	
PRESCOTT UNIFIED DIS		52	56	49	59	59	57	61	59	56	59	
WASHINGTON SCHOOL		46	48	40	54	53						
LINCOLN SCHOOL		68	60	62	60	65						
MILLER VALLEY SCHOOL		54	46	51	60	64						
DEXTER SCHOOL		31	47	40	49	46						
TAYLOR HICKS SCHOOL		50	74	50	57	60						
PRESCOTT JUNIOR HIGH							55	59				
PRESCOTT HIGH SCHOOL									59	56	59	
GRANITE MOUNTAIN JR							59	63				
ABIA JUDD		59	52	49	63	60						
BAGDAD UNIFIED DISTR		73	67	47	52	30	58	50	64	45	38	
DAVID C LINCOLN		73	67	47	52	30	58	50				
BAGDAD HIGH SCHOOL									64	45	38	
HUMBOLDT UNIFIED DIS		59	47	48	49	53	50	51	53	53	52	
LAKE VALLEY SCHOOL		54	33	38	47	52						
BRADSHAW MOUNTAIN							50	51				
BRADSHAW MOUNTAIN HS									53	53	52	
HUMBOLDT ELEMENTARY		78	52	48	46	51						
MOUNTAIN VIEW		53	55	57	52	55						
CAMP VERDE UNIFIED D		51	49	39	50	42	55	53	44	49	44	
CAMP VERDE SCHOOL		51	49	39	50	42	55	53				
CAMP VERDE H. S.									44	49	44	
ASH FORK UNIFIED DIS		39	46	31	46	46	39	50	44	52	36	
ASH FORK SCHOOL		39	46	31	46	46	39	50				
ASH FORK HIGH SCHOOL									44	52	36	
SELIGMAN UNIFIED DIS		45	48	58	38	49	53	37	37	32	47	
SELIGMAN SCHOOL		45	48	58	38	49	53	37				

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	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
SELIGMAN HIGH SCHOOL									37	32	47	
MAYER UNIFIED DISTRI		67	55	38	54	37	53	61	51	39	45	
MAYER SCHOOL		67	55	38	54	37	53	61				
MAYER HIGH SCHOOL									51	39	45	
CHINO VALLEY UNIFIED		54	47	43	45	41	43	47	54	43		
DEL RIO SCHOOL		54	47	43	45							
HERITAGE MIDDLE						41	43	47				
CHINO VALLEY HIGH									54	43		
SKULL VALLEY ELEM DI		91	31	27	30	29						
SKULL VALLEY SCHOOL		91	31	27	30	29						
KIRKLAND ELEM DISTRI		37	53	29	14	64						
KIRKLAND SCHOOL		37	53	29	14	64						
BEAVER CREEK ELEM DI		62	40	57	56	56	50	57				
BEAVER CREEK SCHOOL		62	40	57	56	56	50	57				
HILLSIDE ELEM DISTRI		59	38	33	69	40						
HILLSIDE SCHOOL		59	38	33	69	40						
CROWN KING ELEM DIST		76		75								
CROWN KING SCHOOL		76		75								
CANON ELEM DISTRICT		42	40	56	46	51	55	52				
CANON SCHOOL		42	40	56	46							
CANON JHS						51	55	52				

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
YARNELL ELEM DISTRIC		55	56	19	36	42						
YARNELL SCHOOL		55	56	19	36	42						
CLARKDALE-JEROME ELE		76	42	39	40	45	49	56				
CLARKDALE-JEROME		76	42	39	40	45	49	56				
COTTONWD OAK CRK ELE		53	50	44	47	46	52	54				
COTTONWOOD		47	52	44	36	44						
COTTONWOOD JHS							48	49				
OAK CREEK SCHOOL		47	47	52	64	44	61	52				
WEST SEDONA SCHOOL		56	45	51	48	47	59	68				
DR. DANIEL BRIGHT		57	51	38	48	48						
MINGUS UNION H.S.									55	54	52	
MINGUS UNION HIGH									55	54	52	

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COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
YUMA		43	40	38	41	38	39	45	43	41	42	
YUMA ELEM DISTRICT		42	40	42	42	41	43	45				
ALICE BYRNE SCHOOL		59	35	44	35							
CARVER SCHOOL		28	20	35	27	32						
C W MCGRAW SCHOOL		23	38	39	38	44						
FOURTH AVE JHS							36	39				
GILA VISTA JHS							47	49				
JAMES D PRICE SCHOOL		42	32	49	37	64						
MARY E POST SCHOOL			40	26	30	26						
O C JOHNSON SCHOOL		50	55	47	58	47						
PALMCROFT SCHOOL		41	45	42	43							
PECAN GROVE SCHOOL		36	30	31	40	40						
ROOSEVELT SCHOOL		38	49									
JAMES B ROLLE SCHOOL		48	42	61	57	58						
WOODARD JHS						41	48	49				
GWYNETH HAM SCHOOL		54	47	46	40	35						
SOMERTON ELEM DISTRI		31	29	24	24	20	24	31				
SOMERTON PRIMARY		33	24									
ORANGE GROVE		22	46	26	37	19						
DESERT SONPRA INTER				24	21	20						
CARLISLE JHS							24	31				
CRANE ELEM DISTRICT		56	48	46	48	46	48	55				
CRANE PUEBLO SCHOOL		65	52	55	41	49						
RANCHOVIEJO SCHOOL		41	42	40	46	39						
H L SUVERKRUP SCHOOL		54	45	44	52	47						
CRANE JHS							48	55				
RONALD REAGAN FUND		70	59	50	57	54						
HYDER ELEM DISTRICT		26	23	31	40	36	34	40				
DATELAND SCHOOL		26	23	31	40	36	34	40				

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ARIZONA PUPIL ACHIEVEMENT TESTING

LANGUAGE

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
MOHAWK VALLEY ELEM D		48	55	45	43	43	46	54				
MOHAWK VALLEY SCHOOL		48	55	45	43	43	46	54				
WELLTON ELEM DISTRIC		32	44	38	34	33	28	48				
WELLTON SCHOOL		32	44	38	34	33	28	48				
GADSDEN ELEM DISTRIC		10	9	8	21	17	20	25				
GADSDEN SCHOOL			9	8	21	17	20	25				
RIO COLORADE		10	11									
ANTELOPE UNION H.S.									37	28	41	
ANTELOPE UNION H.S.									37	28	41	
YUMA UNION H.S.									43	41	42	
YUMA HIGH SCHOOL									45	35	42	
KOFA HIGH SCHOOL									39	40	41	
CIBOLA HIGH SCHOOL									45	46	44	

ARIZONA PUPIL ACHIEVEMENT TESTING

LANGUAGE

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	59	55	53	52	50	50	50	48	49	48	48	47
STATEWIDE	62	56	51	48	50	49	53	56	53	49	53	43
LA PAZ		49	35	36	41	40	46	52	47	42	51	
PARKER UNIFIED DISTR		49	37	36	46	42	53	58	46	42	48	
BLAKE SCHOOL		55										
WALLACE SCHOOL			34	38	52	42	65	66				
LE PERA SCHOOL		25	44	33	35	40	32	37				
PARKER HIGH SCHOOL									46	42	48	
QUARTZSITE ELEM DIST		35	23	33	18	25	30	39				
EHRENBERG SCHOOL		35	23	33	18	25	30	39				
WENDEN ELEM DISTRICT		36	45	45	29	55	44	17				
WENDEN SCHOOL		36	45	45	29	55	44	17				
BOUSE ELEM DISTRICT		38	44	18	37	59	36	36				
BOUSE SCHOOL		38	44	18	37	59	36	36				
SALOME CONSOLIDATED		83	44	31	30	37	34	37				
SALOME SCHOOL		83	44	31	30	37	34	37				
BICENTENNIAL U H.S.									47	39	58	
SALOME HIGH SCHOOL									47	39	58	

Appendix C

1990 Percentile Ranks for Individuals for **Mathematics** on the

- Iowa Tests of Basic Skills (Grades 1 - 8)
- Tests of Achievement and Proficiency (Grades 9 - 12)

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
APACHE		37	26	28	28	28	31	32	30	28	28	
ST JOHNS UNIFIED DIS		74	55	53	38	47	55	59	57	44	51	
CORONADO ELEMENTARY		74	55									
ST JOHNS MIDDLE				53	38	47	55	59				
ST JOHNS HIGH SCHOOL									57	44	51	
WINDOW ROCK UNIFIED		32	24	25	27	28	36	32	32	28	25	
FT DEFIANCE SCHOOL		23	21	23	27							
WINDOW ROCK SCHOOL		44	28	27	25							
TSO HO TSO MIDDLE						28	36	32				
WINDOW ROCK H. S.									32	28	25	
ROUND VALLEY UNIFIED		60	50	47	49	52	49	43	46	46	46	
ROUND VALLEY PRIMARY		60										
ROUND VALLEY MIDDLE						52	49	43				
ROUND VALLEY H. S.									46	46	46	
ROUND VALLEY INTER			50	47	49							
SANDERS UNIFIED DIST		14	11	15	10	12	15	20	20	14	19	
SANDERS ELEMENTARY		14	11	15	10							
SANDERS JUNIOR HIGH						12	15	20				
VALLEY HIGH SCHOOL									20	14	19	
GANADO UNIFIED DISTR		30	17	19	26	18	17	24	19	18	18	
GANADO PRIMARY		30										
GANADO INTERMEDIATE			17	19	26							
GANADO MIDDLE SCHOOL						18	17	24				
GANADO HIGH SCHOOL									19	18	18	
CHINLE UNIFIED DISTR		29	17	22	23	22	22	26	25	27	28	
CHINLE ELEMENTARY				22	24	24						
CHINLE JUNIOR H. S.							22	25				

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
MANY FARMS SCHOOL		32	15	15	23	17						
TSAILE SCHOOL		32	17	32	21	17	20	30				
CHINLE PRIMARY		27	18									
CHINLE HIGH SCHOOL									25	27	28	
RED MESA UNIFIED DIS		16	16	13	20	12	19	19	23	19	19	
RED MESA SCHOOL		13	18	13	18	13	19	19				
ROUND ROCK SCHOOL		30	11	13	24	9	19	21				
RED MESA HIGH SCHOOL									23	19	19	
CONCHO ELEM DISTRICT		64	26	28	22	33	50	37				
CONCHO SCHOOL		64	26	28	22	33	50	37				
ALPINE ELEM DISTRICT		73	45	24	39	36	54	44				
ALPINE SCHOOL		73	45	24	39	36	54	44				
VERNON ELEMENTARY DI		67		43	46							
VERNON SCHOOL		67		43	46							
MCNARY ELEM DISTRICT		13	9	20	27	28	12	30				
MCNARY SCHOOL		13	9	20	27	28	12	30				

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
COCHISE		50	40	42	45	45	45	47	42	45	43	
FT HUACHUCA ACCOM SC		54	50	43	46	45	38	42				
GENERAL MYER SCHOOL				43	46							
COLONEL JOHNSTON		54	50									
COLONEL SMITH MIDDLE						45	38	42				
TOMBSTONE UNIFIED DI		51	44	36	35	37	38	44	40	45	42	
HUACHUCA CITY SCHOOL		48	37	33	33	35	34	37				
WALTER J MEYER		61	61	48	42	46	50	66				
TOMBSTONE HIGH									40	45	42	
BISBEE UNIFIED DISTR		55	25	32	43	41	40	44	30	34	27	
BISBEE HIGH SCHOOL									30	34	27	
GREENWAY SCHOOL		55	25									
LOWELL SCHOOL				32	43	41	40	44				
WILLCOX UNIFIED DIST		45	43	46	46	40	43	44	45	46	44	
WILLCOX ELEMENTARY		45	43	46								
WILLCOX MIDDLE					46	40	43	44				
WILLCOX HIGH SCHOOL									45	46	44	
BOWIE UNIFIED DISTRI		26	23	25	10	38	43	25	20	39	37	
BOWIE SCHOOL		26	23	25	10	38	43	25				
BOWIE HIGH SCHOOL									20	39	37	
SAN SIMON UNIFIED DI		43	53	59	50	43	54	36	35	46	41	
SAN SIMON SCHOOL		43	53	59	50	43	54	36				
SAN SIMON H. S.									35	46	41	
ST DAVID UNIFIED DIS		72	50	41	60	51	61	52	43	47	40	
ST DAVID SCHOOL		72	50	41	60	51	61	52				
ST DAVID HIGH SCHOOL									43	47	40	

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS
NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
DOUGLAS UNIFIED DIST		41	26	34	41	37	35	43	36	39	39	
A AVENUE SCHOOL		37	21	32	39							
CLAWSON SCHOOL		32	23	29	45							
FIFTEENTH STREET		47	39	36	41							
JOE CARLSON SCHOOL		33	26	37	41							
FARAS SCHOOL		14	14	22	45							
SARAH MARLEY SCHOOL		37	20	35	37							
STEVENSON SCHOOL		65	34	41	42							
DOUGLAS JUNIOR HIGH						30	25	36				
PAUL H. HUBER JHS						42	45	47				
DOUGLAS HIGH SCHOOL									36	39	39	
SIERRA VISTA UNIFIED		52	48	50	52	57	51	54	51	51	51	
CARMICHAEL SCHOOL		53	38	49	32	43						
VILLAGE MEADOWS		50	40	59	61	58						
BELLA VISTA SCHOOL		58	56	43	43	65						
SIERRA VISTA MIDDLE							51	54				
BUENA HIGH SCHOOL									51	51	51	
PUEBLO DEL SOL		51	61	46	59	50						
TOWN AND COUNTRY		58	48	47	48	66						
HUACHUCA MOUNTAIN		42	46	57	63	54						
NACO ELEM DISTRICT		42	25	28	31	31	50	33				
NACO SCHOOL		42	25	28	31	31	50	33				
COCHISE ELEM DISTRIC		73	53	44	18	46	77	63				
COCHISE SCHOOL		73	53	44	18	46	77	63				
APACHE ELEM DISTRICT		82		33		63		50				
APACHE SCHOOL		82		33		63		50				
DOUBLE ADOBE ELEM DI		39	44	25	61	65						
DOUBLE ADOBE SCHOOL		39	44	25	61	65						

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS
NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
PALOMINAS ELEM DISTR		53	56	55	54	45	57	46				
PALOMINAS SCHOOL		53	56	55	54	45	57	46				
MCNEAL ELEM DISTRICT		54	44	60	72	45	45	69				
MCNEAL SCHOOL		54	44	60	72	45	45	69				
BENSON ELEM DISTRICT		60	41	42	37	44	49	42				
BENSON PRIMARY		60	41	42								
BENSON MIDDLE SCHOOL					37	44	49	42				
ELFRIDA ELEM DISTRIC		51	16	37	25	36	42	40				
ELFRIDA ELEMENTARY		51	16	37	25	36	42	40				
PEARCE ELEM DISTRICT		65	20	39	45	44	59	48				
PEARCE SCHOOL		65	20	39	45	44	59	48				
ASH CREEK ELEM DISTR		66	50	30	16	34	31	38				
ASH CREEK SCHOOL		66	50	30	16	34	31	38				
POMERENE ELEM DISTRI		77	39	49	54	66	57	67				
POMERENE SCHOOL		77	39	49	54	66	57	67				
BENSON UNION HIGH SC									44	38	34	
BENSON UNION H. S.									44	38	34	
VALLEY UNION H.S.									38	48	55	
VALLEY UNION H. S.									38	48	55	

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
COCONINO		58	47	46	48	47	44	44	46	52	49	
FLAGSTAFF UNIFIED DI		67	52	52	51	52	48	49	54	56	55	
MANUEL DEMIGUEL		82	53	62	55	57						
CROMER ELEMENTARY		64	44	53	37	40						
LURA KINSEY SCHOOL		64	59	45	43	44						
EVA MARSHALL SCHOOL		79	54	61	57	58						
W F KILLIP SCHOOL		50	30	28	35	37						
SOUTH BEAVER SCHOOL		61	46	35	49	57						
THOMAS R WEITZEL		59	52	58	46	57						
CHARLES W SECHRIST		69	67	57	68	62						
JOHN Q THOMAS SCHOOL		57	58	47	52	57						
NEIL V CHRISTENSEN		59	46	52	57	46						
LEUPP SCHOOL		57	42	40	32	37	21	29				
SEDONA SCHOOL		65	58	56	59	52	51	66				
KNOLES ELEMENTARY		82	55	61	65	67						
FLAGSTAFF JHS							50	52				
EAST FLAGSTAFF JHS							48	47				
FLAGSTAFF HIGH									56	54	57	
COCONINO HIGH SCHOOL									52	55	54	
SINAQUA HIGH SCHOOL									52	59		
WILLIAMS UNIFIED DIS		53	42	59	53	57	46	49	57	46	49	
WILLIAMS ELEMENTARY		53	42	59	53	57	46	49				
WILLIAMS HIGH SCHOOL									57	46	49	
GRAND CANYON UNIFIED		43	42	49	60	46	63	44	55	47	32	
GRAND CANYON SCHOOL		43	42	49	60	46	63	44				
GRAND CANYON H. S.									55	47	32	
FREDONIA/MOCCASIN		49	47	48	45	26	34	39	33	44	35	
FREDONIA MOCCASIN		49	50	48	45	26	34	39				
MOCCASIN SCHOOL		44	34									
FREDONIA MOCCASIN HS									33	44	35	

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
PAGE UNIFIED DISTRIC		39	41	43	49	47	39	35	38	47	41	
DESERT VIEW ELEM		43	37	41	48							
PAGE MIDDLE SCHOOL						47	39	35				
PAGE HIGH SCHOOL									38	47	41	
LAKE VIEW ELEMENTARY		35	44	47	50							
TUBA CITY UNIFIED DI		47	32	21	30	26	30	34	34	39	40	
CAMERON PRIMARY		23	30									
GAP/BODEWAY PRIMARY		28	21									
EAGLE'S NEST MID				21	30	26						
TUBA CITY JUNIOR H S							30	34				
TUBA CITY PRIMARY		50	33									
TUBA CITY H. S.									34	39	40	
MAINE CONSOLIDATED E		45	52	55	45	66						
MAINE CONSOLIDATED S		45	52	55	45	66						

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS
NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
GILA		49	41	42	37	41	39	41	39	35	35	
GLOBE UNIFIED DISTRI		62	52	41	41	46	45	45	35	29	27	
EAST GLOBE SCHOOL					41	46						
GLOBE JR. H. S.							45	45				
COPPER RIM ELEM		62	52	41								
GLOBE HIGH SCHOOL									35	29	27	
PAYSON UNIFIED DISTR		60	49	48	43	50	46	45	44	44	40	
JULIA RANDALL SCHOOL		62	46	37	38	38						
PAYSON HIGH SCHOOL									44	44	40	
PAYSON JUNIOR H. S.							46	45				
PAYSON ELEMENTARY		59	52	58	46	63						
SAN CARLOS UNIFIED		17	12	17	19	19	18	24				
RICE ELEMENTARY		17	12	17	19	19	18	24				
MIAMI UNIFIED DISTRI		64	46	54	41	47	37	43	38	34	40	
CENTRAL HEIGHTS		88	35	69								
INSPIRATION ADDITION		38	51	38								
LAS LOMAS SCHOOL		54	46	58								
BULLION PLAZA SCHOOL					41	47						
MIAMI HIGH SCHOOL									38	34	40	
LEE KORNEGAY JHS							37	43				
HAYDEN WINKELMAN UNI		20	42	42	24	32	33	35	43	36	36	
WINKELMAN PRIMARY		20	42									
LEONOR HAMBLY JHS							33	35				
HAYDEN HIGH SCHOOL									43	36	36	
WINKELMAN INTERMED				42	24	32						
YOUNG ELEM DISTRICT		68	82	44		64	43	42	50	52	47	
YOUNG ELEMENTARY		68	82	44		64	43	42				
YOUNG TEACHING HIGH									50	52	47	

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
PINE ELEM DISTRICT		70	51	50	52	41	45	48				
PINE SCHOOL		70	51	50	52	41	45	48				
TONTO BASIN ELEM DIS		50	39	40	24	23	47	44				
TONTO BASIN SCHOOL		50	39	40	24	23	47	44				

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
GRAHAM		53	44	47	51	50	45	48	42	45	42	
SAFFORD UNIFIED DIST		45	44	46	56	57	47	49	42	54	45	
DOROTHY STINSON ELEM		45										
SAFFORD HIGH SCHOOL									42	54	45	
LAFE NELSON SCHOOL			44	46	56							
SAFFORD MIDDLE						57	47	49				
THATCHER UNIFIED DIS		67	50	57	60	52	47	52	55	44	49	
THATCHER ELEMENTARY				57	60	52						
THATCHER HIGH SCHOOL									55	44	49	
JACK DALEY PRIMARY		67	50									
THATCHER MIDDLE							47	52				
PIMA UNIFIED DISTRIC		63	51	56	50	44	39	44	46	38	30	
PIMA ELEMENTARY		63	51	56	50	44						
PIMA HIGH SCHOOL							39	44	46	38	30	
FT THOMAS UNIFIED DI		51	26	19	17	21	19	28	15	17	20	
FT THOMAS ELEMENTARY		51	26	19	17	21						
FT THOMAS H. S.							19	28	15	17	20	
SOLOMONVILLE ELEM DI		36	44	31	35	38	62	52				
SOLOMONVILLE SCHOOL		36	44	31	35	38	62	52				
BONITA ELEM DISTRICT		42	37	51	49	31	70	48				
BONITA SCHOOL		42	37	51	49	31	70	48				

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
GREENLEE		74	42	47	46	55	51	48	45	39	32	
DUNCAN UNIFIED DISTR		60	36	52	37	53	51	43	40	36	22	
DUNCAN SCHOOL		60	36	52	37	53	51	43				
DUNCAN HIGH SCHOOL									40	36	22	
CLIFTON UNIFIED DIST		51	23	22	42	45	51	49	39	31	41	
LAUGHARN SCHOOL		51	23	22	42	45	51	49				
CLIFTON HIGH SCHOOL									39	31	41	
MORENCI UNIFIED DIST		85	52	54	54	61	51	51	53	45	37	
FAIRBANKS SCHOOL		85	52	54	54	61						
MORENCI JR/SR HIGH							51	51	53	45	37	
BLUE ELEM DISTRICT							64					
BLUE SCHOOL							64					
EAGLE ELEM DISTRICT			47					29				
EAGLE ELEM SCHOOL			47					29				

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS
NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
MARICOPA		58	47	48	49	53	53	52	52	52	53	
WILLIAMS AFB ACCOM S		60	39	40	50	42	48	49	29			
WILLIAMS AFB ACCOM		60	39	40	50	42	48	49	29			
HORSE MESA ACCOM SCH		13	20	8	1	9	2	20	11	12	6	
HORSE MESA ACCOM		13	20	8	1	9	2	20				
ESTRELLA MOUNTAIN HS									11	12	6	
MESA UNIFIED DISTRIC		58	49	49	51	56	57	58	59	56	61	
ADAMS SCHOOL		43	38	40	42	43						
ALMA SCHOOL		86	65	62	65	69						
EDISON SCHOOL		48	38	49	51	54						
EMERSON SCHOOL		62	36	43	56	50						
FRANKLIN SCHOOL		76	73	79	82	80						
HAWTHORNE SCHOOL		53	45	55	54	62						
HOLMES SCHOOL		46	33	32	37	42						
IRVING SCHOOL		48	50	51	49	54						
JEFFERSON SCHOOL		47	37	33	39	36						
LEHI SCHOOL		52	29	47	43	47						
LINCOLN SCHOOL		47	26	35	36	33						
LONGFELLOW SCHOOL		45	31	29	37	45						
LOWELL SCHOOL		46	34	28	38	32						
WEBSTER SCHOOL		48	47	36	36	39						
WHITTIER SCHOOL		52	43	37	42	56						
WHITMAN SCHOOL		48	37	37	29	46						
TAFT SCHOOL		42	41	32	40	42						
HALE SCHOOL		66	54	69	58	73						
EISENHOWER SCHOOL		49	41	51	49	46						
ROOSEVELT SCHOOL		65	60	65	58	62						
LINDBERGH SCHOOL		50	40	36	51	52						
REDBIRD SCHOOL		49	38	40	47	52						
SALK SCHOOL		53	47	49	40	47						
FIELD SCHOOL		58	49	53	54	58						
WASHINGTON SCHOOL		69	63	70	74	67						
STEVENSON SCHOOL		41	37	36	37	38						
KELLER SCHOOL		52	39	50	41	55						

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
MACARTHUR SCHOOL		80	72	54	72	72						
JORDAN SCHOOL		76	61	64	72	78						
POMEROY SCHOOL		64	51	51	59	67						
HIGHLAND SCHOOL		63	59	55	55	64						
CRISMON SCHOOL		61	53	53	58	63						
ROBSON SCHOOL		61	59	63	56	58						
SIRRINE SCHOOL		82	61	59	54	67						
JOHNSON SCHOOL		61	49	59	44	50						
SANDRA DAY O'CONNER		53	49	49	46	55						
FROST ELEMENTARY		69	53	45	50	56						
MENDOZA ELEMENTARY		54	51	50	40	53						
ISHIKAWA ELEMENTARY		65	56	58	70	62						
MADISON ELEMENTARY		82	59	48	61	54						
SOUSA ELEMENTARY		56	36	40	53	68						
HERMOSA VISTA		58	56	48	55	62						
MESA JUNIOR HIGH							46	50	53			
CARSON JUNIOR HIGH							59	58	54			
KINO JUNIOR HIGH							61	65	64			
FREMONT JUNIOR HIGH							47	47	46			
POWELL JUNIOR HIGH							47	50	51			
POSTON JUNIOR HIGH							63	64	69			
RHODES JUNIOR HIGH							69	67	67			
TAYLOR JUNIOR HIGH							59	59	63			
HENDRIX JUNIOR HIGH							62	61	64			
SHEPHERD JUNIOR HIGH							57	56	59			
MESA VO-TECH										32	26	
MESA HIGH SCHOOL										53	55	
WESTWOOD HIGH SCHOOL										57	59	
MOUNTAIN VIEW HIGH										67	67	
DOBSON HIGH SCHOOL										62	66	
RED MOUNTAIN HIGH										50	60	
MESA VISTA						1	22	19	14	29	33	
TAPP								1	34	46	38	
SALT RIVER VISTA							9	4	10	8	10	
WICKENBURG UNIFIED D		47	41	45	49	59	47	48	44	51	40	
MACLENNAN SCHOOL		47	41									
VULTURE PEAK SCHOOL				45	49	59	47	48				
WICKENBURG H. S.									44	51	40	

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ARIZONA PUPIL ACHIEVEMENT TESTING

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
PEORIA UNIFIED DISTR		62	55	55	54	63	62	56	57	55	53	
PEORIA ELEMENTARY		54	59	44	47	53	52	48				
IRA A MURPHY SCHOOL		45	47	36	43	53	40	45				
KACHINA SCHOOL		67	57	49	57	65	70	62				
HERITAGE SCHOOL		75	57	65	53	66	62	59				
PIONEER SCHOOL		63	50	61	48	62	63	60				
ALTA LOMA SCHOOL		49	52	43	43	50	40	46				
DESERT PALMS SCHOOL		58	54	60	61	68	61	64				
FOOTHILLS SCHOOL		62	52	56	53	57	70	63				
COPPERWOOD SCHOOL		82	57	49	71	77	67	54				
SUNDANCE SCHOOL		59	52	51	43	60	58	49				
COTTON BOLL ELEM		57	50	60	50	64	64	49				
OAKWOOD		70	68	64	59	74	70	66				
DESERT VALLEY		81	67	72	71	74	74	66				
SAHUARO RANCH		72	52	56	63	62	68	53				
OASIS ELEMENTARY		61	59	54	55	58	66	51				
SUN VALLEY ELEM		45	44	61	48	48	57	54				
SKYVIEW ELEMENTARY		60	62	54	46	65	65					
PEORIA HIGH SCHOOL									48	50	41	
CACTUS HIGH SCHOOL									60	59	59	
IRONWOOD HIGH SCHOOL									60	57	54	
GILA BEND UNIFIED DI		34	21	32	24	26	36	33	35	31	34	
GILA BEND SCHOOL		34	21	32	24	26						
GILA BEND H. S.							36	33	35	31	34	
GILBERT UNIFIED DIST		66	57	58	60	63	59	53	61	56	59	
GILBERT HIGH SCHOOL									61	56	59	
GILBERT JUNIOR HIGH							58	53				
GILBERT ELEMENTARY		64	62	46	56	63						
GREENFIELD ELEMENTAR		63	57	72	64	61						
PATTERSON ELEMENTARY		70	58	61	62	70						
NEELY ELEMENTARY		74	47	50	59	62						
PIONEER ELEMENTARY		69	58	49	58	53						
MESQUITE JUNIOR HIGH							60	54				
ISLANDS ELEMENTARY		57	57	60	50	67						

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
HOUSTON ELEMENTARY		65	59	64	65	65						
BURK ELEMENTARY		73	53	56	61	72						
VAL VISTA LAKE		56	59	59	64	63						
SCOTTSDALE UNIFIED D		72	63	60	64	64	65	62	62	67	65	
COCHISE SCHOOL		78	64	71	70	68						
TAVAN SCHOOL		60	51	50	47	54						
INGLESIDE MIDDLE							70	63				
KIVA SCHOOL		84	79	70	70	69						
TONALEA SCHOOL		66	57	56	56	49						
PIMA SCHOOL		69	56	46	58	56						
SUPAI MIDDLE SCHOOL							48	47				
HOPI SCHOOL		81	72	72	72	72						
NAVAJO SCHOOL		43	49	41	49	49						
HOHOKAM SCHOOL		62	52	47	47	41						
YAVA PAI SCHOOL		45	35	41	49	50						
MOHAVE MIDDLE SCHOOL							65	63				
COCOPAH MIDDLE							72	71				
PUEBLO SCHOOL		71	59	53	69	58						
CHEROKEE SCHOOL		76	73	79	83	77						
ANASAZI SCHOOL		76	68	64	69	75						
LAGUNA SCHOOL		83	75	66	71	73						
SEQUOYA SCHOOL		85	76	62	70	73						
ZUNI SCHOOL		79	69	65	70	69						
ARCADIA HIGH SCHOOL									64	68	66	
CORONADO HIGH SCHOOL									46	56	55	
SAGUARO HIGH SCHOOL									68	68	68	
CHAPARRAL H. S.									68	74	70	
ALTERNATIVE H. S.									31	27	33	
PARADISE VALLEY UNIF		68	52	54	56	61	57	58	56	54	55	
CAMPO BELLO SCHOOL		53	44	49	48	65						
GOLD DUST SCHOOL		72	51	50	61	71						
MERCURY MINE SCHOOL		89	68	68	65	73						
VISTA VERDE SCHOOL							50	48				
DESERT SHADOWS		82	68	63	74	76						
SHEA MIDDLE SCHOOL							56	59				
LARKSPUR SCHOOL		75	49	50	42	49						

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
PALOMINO SCHOOL		57	35	47	35	50						
INDIAN BEND SCHOOL		70	44	54	47	45						
ARROWHEAD SCHOOL		56	32	37	37	44						
DESERT SHADOWS MIDDL							64	63				
DESERT COVE SCHOOL		73	60	69	67	76						
LIBERTY SCHOOL		70	60	56	60	70						
AIRE LIBRE SCHOOL		56	43	45	63	56						
SANDPIPER SCHOOL		76	64	60	73	73						
VILLAGE VISTA SCHOOL		67	54	61	62	60						
ECHO MOUNTAIN SCHOOL		57	42	52	45	49						
SUNRISE MIDDLE							60	64				
FOOTHILLS		70	52	55	53	47						
NORTH RANCH		75	60	59	68	65						
PARADISE VALLEY HIGH									47	47	42	
SHADOW MOUNTAIN HIGH									57	59	61	
QUAIL RUN SCHOOL		62	50	39	50	43						
HORIZON HIGH SCHOOL									64	59	60	
DESERT SPRINGS		76	65	65	68	60						
EAGLE RIDGE		61	56	61	51	54						
POLARIS ALTERNATIVE									7	29	31	
HIDDEN HILLS SCHOOL		72	43	47	46	62						
CHANDLER UNIFIED DIS		61	52	52	53	60	53	48	50	52	55	
SAN MARCOS ELEM		48	38	42	43	60						
ERIE SCHOOL		65	50	61	51	60						
GALVESTON SCHOOL		56	52	56	40	43						
HARTFORD SCHOOL		65	64	47	63	60						
KNOX SCHOOL		66	52	47	53	60						
ANDERSEN JUNIOR HIGH							57	53	54			
WILLIS JUNIOR HIGH							47	41	46			
FRYE SCHOOL		41	33	37	52	49						
WEINBERG SCHOOL		66	47	48	46	52						
ANDERSEN ELEM		64	53	64	55	64						
CHANDLER HIGH SCHOOL										52	55	
HUMPHREY ELEMENTARY		64	54	56	56	69						
SHUMWAY ELEMENTARY		64	61	47	57	55						
GOODMAN SCHOOL		74	72	67	63	86						

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
DYSART UNIFIED DISTR		39	42	39	29	35	32	26	24	22	22	
DYSART JUNIOR HIGH							32	26				
EL MIRAGE SCHOOL		22	30	40	30	32						
LUKE SCHOOL		49	59	52	45	53						
SURPRISE SCHOOL		51	39	33	17	32						
DYSART HIGH SCHOOL									24	22	22	
KINGSWOOD SCHOOL		26	37	35	32	28						
CAVE CREEK UNIFIED D		71	49	58	57	50	66	55	57	51	53	
BLACK MOUNTAIN			49	58	57							
CAVE CREEK SCHOOL		71										
DESERT ARROYO MIDDLE						50	66	55				
CACTUS SHADOWS H S									57	51	53	
QUEEN CREEK UNIFIED		51	48	50	59	58	41	45	33	31	30	
QUEEN CREEK ELEM		51	48	50	59	58						
QUEEN CREEK JR HIGH							41	45				
QUEEN CREEK H.S.									33	31	30	
DEER VALLEY UNIFIED		58	50	46	48	51	53	52	52	49	43	
CONSTITUTION SCHOOL		56	54	38	39	39						
DEER VALLEY JHS							51	50				
NEW RIVER SCHOOL		59	61	65	54	48						
PARK MEADOWS SCHOOL		62	39	51	47	46						
SUNRISE SCHOOL		53	59	53	48	57						
VILLAGE MEADOWS		49	39	38	46	49						
MOUNTAIN SHADOWS		64	52	41	46	60						
DESERT WINDS SCHOOL		48	52	37	52	43						
MIRAGE SCHOOL		66	37	46	48	47						
DEER VALLEY HIGH SCH									55	53	54	
DESERT SKY JHS							54	54				
BELLAIR SCHOOL		56	47	50	60	59						
GREENBRIER		54	65	52	45	52						
BARRY GOLDWATER H.S.									49	44	36	
ARROWHEAD ELEMENTARY		71	63	53	48	63						

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
FOUNTAIN HILLS UNIFI		70	55	46	50	52	60	53				
FOUR PEAKS					50	52	60	53				
MCDOWELL MTN ELEM		70	55	46								
HIGLEY ELEM DISTRICT		64	59	49	39	52	54	43				
HIGLEY SCHOOL		64	59	49	39	52	54	43				
AGUILA ELEM DISTRICT		34	12	43	10	27	39	28				
AGUILA SCHOOL		34	12	43	10	27	39	28				
SENTINEL ELEM DISTRI		34	73	6	25	56	8	61				
SENTINEL SCHOOL		34	73	6	25	56	8	61				
MORRISTOWN ELEM DIST		44	34	47	58	23	37	43				
MORRISTOWN		44	34	47	58	23	37	43				
NADABURG ELEM DISTRI		56	22	47	27	41	44	38				
NADABURG SCHOOL		56	22	47	27	41	44	38				
MOBILE ELEM DISTRICT		22	8	18		17						
MOBILE ELEMENTARY		22	8	18		17						
RUTH FISHER ELEM DIS		56	47	53	39	41	67	51				
RUTH FISHER SCHOOL		56	47	53	39	41	67	51				
PALOMA ELEM DISTRICT		15	20	24	27	21	34	26				
KISER ELEM.		15	20	24	27	21	34	26				

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
PHOENIX ELEM DISTRIC		42	28	34	34	35	31	32				
BETHUNE SCHOOL		36	26	25	28	29	41	42				
CAPITOL SCHOOL		64	31	56	54	64						
DUNBAR SCHOOL		48	25	34	37	23						
EDISON SCHOOL		40	28	28	30	23	23	29				
EMERSON SCHOOL		36	21	40	48	33						
GARFIELD SCHOOL		50	27	28	22	20						
HEARD SCHOOL		47	41	48	32	41	33	35				
HERRERA SCHOOL		22	21	30	32	33	30	27				
KENILWORTH SCHOOL		30	32	28	28	43						
LOWELL SCHOOL		34	24	31	38	37						
OTT SCHOOL		52	34	35	35	42						
SHAW SCHOOL		40	23	24	30	26						
WHITTIER SCHOOL		49	26	35	35	49						
RIVERSIDE ELEM DISTR		27	1	1	1	1	2	5				
RIVERSIDE SCHOOL		27	1	1	1	1	2	5				
TEMPE ELEM DISTRICT		50	39	41	43	49	48	48				
FRANK SCHOOL		39	24	33	32	43						
CARMINATI SCHOOL		51	42	41	45							
BROADMOR SCHOOL		78	57	53	60	71						
THEW SCHOOL		33	28	30	28							
HOLDEMAN SCHOOL		46	32	33	42	34						
LAIRD SCHOOL		44	41	42	33	54						
MEYER SCHOOL		58	40	43	44	55						
EVANS SCHOOL		34	37	34	38							
HUDSON SCHOOL		65	50	39	49	61						
SCALES SCHOOL		41	26	23	41							
CURRY SCHOOL		57	53	60	61							
ARREDONDO SCHOOL		58	34	42	38	46						
BUSTOZ SCHOOL		63	67	62	54	81						
NEVITT SCHOOL		46	30	33	34	47						
WOOD SCHOOL		59	39	37	36							
AGUILAR SCHOOL		61	52	37	29	60						
ROVER SCHOOL		49	47	66	55	66						

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
FULLER SCHOOL		61	48	53	56	58						
MCKEMY JHS						44	55	49				
GILLILAND JHS						35	37	41				
CONNOLLY JHS						43	56	56				
FEES JHS						37	48	50				
ISAAC ELEM DISTRICT		51	30	35	30	37	38	35				
ISAAC JHS							38	35				
J B SUTTON SCHOOL		53	22	26	26	26						
ALTA E BUTLER SCHOOL		34	14	33	16	41						
P T COE SCHOOL		59	42	42	40	37						
JOSEPH ZITO SCHOOL		58	33	34	35	34						
MITCHELL SCHOOL		36	50	49	36	50						
WASHINGTON ELEM DIST		66	56	56	57	62	62	63				
ACACIA SCHOOL		73	71	63	52	62						
ALTA VISTA SCHOOL		86	76	53	58	68						
ARROYO SCHOOL		64	57	56	60	73						
CACTUS WREN SCHOOL		61	52	58	64	52						
CHAPARRAL SCHOOL		59	47	65	62	70						
CHOLLA SCHOOL							62	59				
DESERT FOOTHILLS							66	67				
DESERT VIEW SCHOOL		64	45	41	49	68						
IRONWOOD SCHOOL		80	71	58	54	57						
JOHN JACOBS SCHOOL		70	55	57	65	72						
LAKEVIEW SCHOOL		59	52	50	61	67						
LOOKOUT MOUNTAIN		82	76	72	77	77						
MANZANITA SCHOOL		71	61	54	45	54						
MARYLAND SCHOOL		47	34	41	50	51						
MOON MOUNTAIN SCHOOL		57	80	48	41	48						
MOUNTAIN SKY							66	65				
MOUNTAIN VIEW SCHOOL		43	42	37	37	42						
OCOTILLO SCHOOL		51	32	46	47	50						
ORANGEWOOD SCHOOL		60	47	50	54	60						
PALO VERDE SCHOOL							59	63				
RICHARD E MILLER		86	56	74	75	72						
ROADRUNNER SCHOOL		69	71	66	59	67						
ROYAL PALM SCHOOL							56	63				

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
SAHUARO SCHOOL		66	57	56	43	54						
SENITA SCHOOL		73	50	63	67	77						
SHAW BUTTE SCHOOL		58	44	34	44	43						
SUNBURST SCHOOL		72	60	57	59	74						
SWEETWATER SCHOOL		68	63	62	66	67						
SUNNYSLOPE SCHOOL		44	42	40	55	53						
SUNSET SCHOOL		59	55	60	66	62						
TUMBLEWEED SCHOOL		72	55	60	60	59						
WASHINGTON SCHOOL		59	45	57	51	54						
WILSON ELEM DISTRICT		36	10	23	23	22	17	42				
WILSON ELEMENTARY		36	10	23	23	22	17	42				
OSBORN ELEM DISTRICT		52	37	46	42	41	47	48				
CLARENDON SCHOOL			39	40	46	42						
ENCANTO SCHOOL		48										
OSBORN MIDDLE SCHOOL							47	48				
SOLANO SCHOOL		67	45	59	38	44						
LONGVIEW SCHOOL		44	29	47	39	38						
CREIGHTON ELEM DISTR		52	40	40	42	38	40	45				
CREIGHTON SCHOOL							40	45				
LARRY C. KENNEDY		58	43	47	49	35						
LOMA LINDA SCHOOL		52	52	48	39	42						
WILLIAM T MACHAN		47	25	28	30	22						
MONTE VISTA SCHOOL		64	55	44	55	49						
PAPAGO SCHOOL		40	29	31	33	39						
SQUAW PEAK SCHOOL		56	45	47	49	44						
TOLLESON ELEM DISTRI		39	37	26	24	43	37	33				
UNIT I SCHOOL		39	37	26								
TOLLESON JUNIOR HIGH					24	43	37	33				
MURPHY ELEM DISTRICT		39	14	25	21	26	32	32				
ALFRED F. GARCIA		32	21	26	24	23	32	35				

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
WILLIAM R. SULLIVAN		45	11	26	23	29	31	36				
ARTHUR M. HAMILTON		43	6	21	9	19	26	24				
JACK L. KUBAN SCHOOL		35	22	25	33	34	40	31				
LIBERTY ELEM DISTRIC		53	47	36	49	43	34	37				
LIBERTY SCHOOL		52	49	36	46	47	34	37				
ESTRELLA MOUNTAIN		57	41	37	57	31						
KYRENE ELEM DISTRICT		60	51	50	58	62	56	55				
KYRENE MIDDLE SCHOOL						61	55	55				
C I WAGGONER SCHOOL		66	55	56	66							
KYRENE DEL NORTE		46	42	36	51	65						
KYRENE DE LAS LOMAS		57	46	47	59	66						
KYRENE DEL CIELO		74	62	58	72	73						
KYRENE DE LOS NINOS		58	39	53	51							
KYRENE DE LA PALOMA		53	56	41	53	57						
KYRENE DE LA COLINA		66	68	56	58	60						
PUEBLO MIDDLE SCHOOL							57	56				
KYRENE DEL SURENEO		51	42	50	46	52						
KYRENE DE LA MARIPOS		64	57	69	67	64						
KYRENE DE LOS LAGOS		57	43	50	61	58						
KYRENE MONTE VISTA		69	57	40	50	57						
BALSZ ELEM DISTRICT		42	31	29	38	41	44	44				
BALSZ SCHOOL		36	34	32	37	31	45	45				
CROCKETT SCHOOL		25	23	26	44	34	41	33				
GRIFFITH SCHOOL		58	32	27	41	53	42	53				
ORANGEDALE SCHOOL		43	33	31	31	43	47	36				
BUCKEYE ELEM DISTRIC		46	31	24	31	39	40	44				
BUCKEYE SCHOOL		46	31	24	31	39	40	44				
MADISON ELEM DISTRIC		69	63	70	60	65	59	64				
MADISON NO 1 SCHOOL					57	65	56	61				
MADISON R.C. SIMIS		78	68	73								

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
MADISON ROSE LANE SC		65	62	82								
MADISON PARK II		54	49	48	31	45	43	44				
MADISON MEADOWS					76	77	73	78				
MADISON HEIGHTS		78	70	70								
GLENDALE ELEM DISTRI		55	41	39	39	42	49	46				
GLENDALE LANDMARK							51	49				
ISAAC E IMES SCHOOL		62	41	35	31	40	50	36				
HAROLD W SMITH		44	31	25	34	36						
MELVIN E SINE SCHOOL		52	49	39	57	57						
MENSENDICK/JACK		51	50	46	35	38						
GLENN F BURTON		62	27	29	37	33						
GLENDALE AMERICAN		65	51	50	44	49						
BICENTENNIAL SCHOOL		52	34	31	37	41						
HORIZON SCHOOL		64	39	51	42	42						
CHALLENGER SCHOOL							46	45				
AVONDALE ELEM DISTRI		46	32	36	31	39	39	39				
AVONDALE SCHOOL		46										
AVONDALE JUNIOR HIGH							39	39				
LATTIE COOR SCHOOL					31	39						
PIONEER SCHOOL			32	36								
FOWLER ELEM DISTRICT		44	42	38	31	35	41	39				
FOWLER SCHOOL				38	31	35	41	39				
SUNRIDGE SCHOOL		44	42									
ARLINGTON ELEM DISTR		66	51	59	32	57	45	36				
ARLINGTON SCHOOL		55		65	40	57	50	14				
HARQUAHALA VALLEY		81		49	10	55	33	47				
PALO VERDE ELEM DIST		88	42	53	29	52	68	63				
PALO VERDE SCHOOL		88	42	53	29	52	68	63				

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
LAVEEN ELEM DISTRICT		35	24	28	37	43	52	45				
LAVEEN SCHOOL		48	37	44	45	50	51	43				
MC CASH SCHOOL		20	13	16	24	30	53	48				
UNION ELEM DISTRICT		18	25	28	18	17	7					
UNION SCHOOL		18	25	28	18	17	7					
LITTLETON ELEM DISTR		55	32	41	30	41	37	49				
LITTLETON SCHOOL		55	32	41	30	41						
UNDERDOWN JHS							37	49				
ROOSEVELT ELEM DISTR		37	28	33	34	36	34	36				
RIO VISTA SCHOOL		48	21	24	15	25	33	28				
PERCY L JULIAN					31	28	36	40				
SUNLAND SCHOOL		47	28	38	36	28	29	31				
SIERRA VISTA SCHOOL		20	32	45	41	68	37	35				
VALLEY VIEW SCHOOL		32	23	36	36	31	36	22				
C J JORGENSEN SCHOOL		35	25	28	32	29	30	39				
PALMDALE SCHOOL		34	32	26	31	31	41	64				
ROSE LINDA SCHOOL		41	25	26	37	34	31	35				
MARTIN LUTHER KING J		41	23	41								
T G BARR SCHOOL		31	20	25	24	18	23	36				
V H LASSEN SCHOOL		37	27	27	42	33	31	34				
JOHN F KENNEDY		39	30									
C O GREENFIELD				27	32	34	23	29				
IGNACIO CONCHOS		19	23	25	34	39	40	29				
JOHN R DAVIS SCHOOL		38	38	33	39	40	41	51				
MAXINE O. BUSH		42	32	38	36	43	34	35				
SOUTHWEST SCHOOL		47	52	53	49	62	54	59				
ALHAMBRA ELEM DISTRI		62	43	52	49	48	50	47				
ALHAMBRA TRADITIONAL		85	60	66	83	72	69	75				
ANDALUCIA SCHOOL		54	44	34	44	38	36	39				
BARCELONA SCHOOL		57	52	57	52	63	56	53				

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS
NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
CATALINA SCHOOL		58	39	53	41	50	55	49				
CORDOVA SCHOOL		51	36	60	44	40	45	34				
GRANADA SCHOOL		56	40	47	42	50	50	47				
SEVILLA SCHOOL		61	38	60	52	49						
R E SIMPSON SCHOOL			45	52	42	35	40	44				
WESTWOOD PRIMARY		73	41									
LITCHFIELD ELEM DIST		63	56	59	57	55	61	65				
LITCHFIELD SCHOOL		68	57	66	63	55	70	71				
SCOTT LIBBY SCHOOL		57	55	50	50	55	48	57				
CARTWRIGHT ELEM DIST		58	45	46	45	49	46	47				
CARTWRIGHT SCHOOL		54	44	48	37	46						
GLENN L DOWNS SCHOOL		46	34	49	38	44						
JOHN F LONG SCHOOL		57	52	44	40	46						
JUSTINE SPITALNY		71	44	41	44	44						
HOLIDAY PARK SCHOOL		65	43	49	50	44						
SUNSET SCHOOL		51	34	37	48	43						
STARLIGHT PARK		48	43	46	39	54						
CHARLES W HARRIS		58	44	46	36	47						
DESERT SANDS JR HIGH							45	44				
FRANK BORMAN JR HIGH							45	45				
HEATHERBRAE SCHOOL		69	46	54	45	44						
ESTRELLA JUNIOR HIGH							49	51				
PALM LANE SCHOOL		58	42	35	57	49						
PERALTA SCHOOL		50	47	50	38	46						
BYRON A BARRY SCHOOL		58	64	46	49	55						
TOMAHAWK SCHOOL		63	45	52	55	60						
PENDERGAST ELEM DIST		57	48	43	42	44	44	43				
PENDERGAST SCHOOL		61	43	41	46	47	44	45				
DESERT HORIZON		52	52	42	40	46	49	48				
WESTWIND SCHOOL		51	43	38	39	33	39	34				
VILLA DE PAZ		68	52	51	46	57	46	43				

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
BUCKEYE UNION H.S.									40	56	46	
BUCKEYE UNION H. S.									40	56	46	
GLENDALE UNION H.S.									58	57	58	
APOLLO HIGH SCHOOL									58	58	62	
CORTEZ HIGH SCHOOL									57	56	59	
GLENDALE HIGH SCHOOL									44	44	41	
GREENWAY HIGH SCHOOL									65	60	57	
INDEPENDENCE H. S.									51	52	48	
MOON VALLEY H. S.									61	62	62	
SUNNYSLOPE H. S.									64	58	62	
THUNDERBIRD H. S.									60	60	61	
WASHINGTON H. S.									56	58	56	
PHOENIX UNION H.S.									33	33	32	
ALHAMBRA HIGH SCHOOL									35	34	37	
METRO TECH E.S.O.									17	14	21	
METRO TECH VIP									16	23	18	
B.A.C.E.									16	10	13	
TREVOR BROWNE H. S.									35	34	34	
CAMELBACK H. S.									37	35	39	
CENTRAL HIGH SCHOOL									38	42	38	
CYESIS - EAST									29	23	17	
CYESIS - WEST									43	30	35	
CARL HAYDEN H. S.									29	34	28	
MARYVALE HIGH SCHOOL									37	37	34	
NORTH HIGH SCHOOL									37	36	40	
SOUTH MOUNTAIN HIGH									25	21	24	
TEMPE UNION H.S.									56	55	58	
TEMPE HIGH SCHOOL									49	47	53	
MCCLINTOCK H. S.									54	54	58	
MARCOS DE NIZA H. S.									57	55	60	
CORONA DEL SOL H. S.									62	62	60	
EVENING SCHOOL										53		

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
TOLLESON UNION H.S.									48	46	42	
TOLLESON UNION H. S.									45	46	42	
WESTVIEW H. S.									50			
AGUA FRIA UNION H.S.									41	37	48	
AGUA FRIA UNION H.S.									41	37	48	

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
MOHAVE		54	44	45	45	49	46	48	45	50	50	
LAKE HAVASU UNIFIED		57	55	61	55	60	49	51	50	54	53	
SMOKETREE SCHOOL		57	50	64	57	52						
LAKE HAVASU JHS							49	51				
HAVASUPAI SCHOOL		57	55	57	51	60						
STARLINE SCHOOL		57	62	56	55	61						
NAUTILUS SCHOOL		59	59	55	57	67						
ORO GRANDE SCHOOL		58	45	72	49	64						
LAKE HAVASU H. S.									50	54	53	
COLORADO CITY UNIFIE		57	39	48	44	47	43	62	51	47	50	
COLORADO CITY ELEMEN		57	39	48	44	47	43	62	51	47	50	
HACKBERRY ELEM DISTR		59		43		44						
HACKBERRY		59		43		44						
KINGMAN ELEM DISTRIC		56	45	42	43	54	46	46				
KINGMAN JUNIOR HIGH							46	46				
PALO CHRISTI SCHOOL		54	42	28	38	47						
MANZANITA SCHOOL		56	46	40	45	65						
LA SENITA SCHOOL		48	42	46	39	43						
HUALAPAI SCHOOL		67	57	50	52	57						
OWENS WHITNEY ELEM D		71	69	56	39	53	43	31				
OWENS WHITNEY SCHOOL		71	69	56	39	53	43	31				
PEACH SPRINGS ELEM D		23	8	9	10	22	17	18				
PEACH SPRINGS SCHOOL		23	8	9	10	22	17	18				
LITTLEFIELD ELEM DIS		79	79	75	51	68						
LITTLEFIELD SCHOOL		79	79	75	51	68						

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
CHLORIDE ELEM DISTRI		47	38	37	44	47	43	64				
MOUNT TIPTON SCHOOL		47	38	37	44	47	43	64				
YUCCA ELEM DISTRICT		68	57		32	41						
YUCCA SCHOOL		68	57		32	41						
BULLHEAD CITY ELEM D		52	38	35	41	39	49	54				
BULLHEAD PRIMARY		52										
BULLHEAD CITY JHS						39	49	54				
BULLHEAD CITY INTERM			38	35	41							
MOHAVE VALLEY ELEM D		50	32	42	43	33	45	40				
MOHAVE VALLEY ELEM		34	30	35	40							
MOHAVE VALLEY JHS						33	45	40				
FORT MOHAVE ELEM		66	35	52	46							
VALENTINE ELEM DISTR		50	39	37	50	43	31	32				
VALENTINE SCHOOL		50	39	37	50	43	31	32				
COLORADO RIVER UNION									43	47	40	
COLORADO UNION HIGH									43	47	40	
MOHAVE UNION H.S.									43	49	55	
KINGMAN HIGH SCHOOL									43	49	55	

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
NAVAJO		43	34	34	37	39	38	39	39	41	39	
WINSLOW UNIFIED DIST		48	39	40	43	46	43	44	39	34	34	
WASHINGTON SCHOOL		51	42	51	46	52						
JEFFERSON SCHOOL		40	38	31	33	35						
BONNIE BRENNAN		54	37	37	45	50						
WINSLOW JUNIOR HIGH							43	44				
WINSLOW HIGH SCHOOL									39	34	34	
JOSEPH CITY UNIFIED		57	48	46	37	46	38	37	40	42	41	
JOSEPH CITY		57	48	46	37	46						
JOSEPH CITY H. S.							38	37	40	42	41	
HOLBROOK UNIFIED		41	37	37	44	37	44	40	31	35	28	
HULET SCHOOL		42	32	34	41							
PARK SCHOOL		39	45	40	47							
HOLBROOK JUNIOR HIGH						37	44	40				
HOLBROOK HIGH SCHOOL									31	35	28	
PINON UNIFIED DISTRI		17	12	12	8	8	10	16	18			
PINON SCHOOL		17	12	12	8	8						
PINON JHS							10	16	18			
SNOWFLAKE UNIFIED DI		60	47	42	40	49	45	48	58	54	54	
SNOWFLAKE INTERMED				43	46	54						
TAYLOR SCHOOL		57	44	41	28	37						
SNOWFLAKE JHS							45	48				
HIGHLAND PRIMARY		62	49									
SNOWFLAKE H. S.									58	54	54	
HEBER-OVERGAARD UNIF		41	55	60	50	57	44	42	46	37	31	
CAPPS ELEMENTARY		41	55	60	50	57	44	42				
MOGOLLON HIGH SCHOOL									46	37	31	

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
SHOW LOW UNIFIED DIS		63	42	39	47	51	48	53	55	52	57	
SHOW LOW ELEMENTARY		63	38									
SHOW LOW INTER				32	46	51						
PINEDALE/CLAY SPRING		53	65	49	55							
SHOW LOW JUNIOR HIGH							48	53				
SHOW LOW HIGH SCHOOL									55	52	57	
LINDEN ELEMENTARY		81	45	88	50							
WHITERIVER UNIFIED D		21	10	10	17	13	22	18	33	30	30	
WHITERIVER SCHOOL		25	10	10	16							
SEVEN MILE SCHOOL		15	9	12	19							
WHITERIVER JHS						13	22	18				
ALCHESAY HIGH SCHOOL									33	30	30	
CEDAR UNIFIED DISTRI		14	20	34	35	25	24	23	17			
JEDDITO SCHOOL		14	20	34	35	25	24	23	17			
KAYENTA UNIFIED DIST		28	32	23	32	34	33	35	33	35	43	
KAYENTA PRIMARY		28										
MONUMENT VALLEY H.S.									33	35	43	
KAYENTA MIDDLE						34	33	35				
KAYENTA INTERMEDIATE			32	23	32							
BLUE RIDGE UNIFIED		71	48	50	52	59	51	50	48	44	37	
BLUE RIDGE		71	48									
BLUE RIDGE H. S.									48	44	37	
BLUE RIDGE MIDDLE				50	52	59						
BLUE RIDGE JHS							51	50				

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APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
PIMA		54	41	42	44	46	45	46	43	46	50	
ZIMMERMAN ACCOM SCHL		27	32		80							
ZIMMERMAN ACCOMM		27	32		80							
TUCSON UNIFIED DISTR		52	37	38	40	44	43	45	43	47	53	
BLENMAN SCHOOL		59	42	42	45							
BLOOM SCHOOL		92	55	51	49	64						
BONILLAS SCHOOL		64	45	48	52	48						
BOOTH SCHOOL		80	52	53	51							
BORMAN SCHOOL		58	33	34	46	42						
BORTON SCHOOL		59	32									
BRICHTA SCHOOL		51	53	36	47	38						
CARRILLO SCHOOL				33	34	38						
CAVETT SCHOOL		29	23	20	22	23						
COLLIER SCHOOL		56	52	63	51	63						
CORBETT SCHOOL		59	44	39	55	55						
CRAGIN SCHOOL		45	41	37	35							
DAVIDSON SCHOOL		49	33	35	36							
DAVIS SCHOOL		58	45	36	42							
DIETZ SCHOOL		36	39	36	52	46						
DRACHMAN SCHOOL		34	17									
DUFFY SCHOOL		57	57	40	47	61						
DUNHAM SCHOOL		54	50	43	49							
ERICKSON SCHOOL		46	32	38	35	31						
FORD SCHOOL		48	39	37	34	43						
FT LOWELL SCHOOL		50	28	26	29	39						
FRUCHTHENDLER SCHOOL		89	75	83	80	77						
GALE SCHOOL		88	48	54	56	55						
GRIJALVA		63	35	43	46	41						
HENRY SCHOOL		54	56	51	59							
HOLLADAY SCHOOL				31	40	40						
HOLLINGER SCHOOL		32	19	9	13	20						
HOWELL SCHOOL		45	34	39	43	55						
HUDLOW SCHOOL		67	34	42	60	75						
HUGHES SCHOOL		83	70	59	64	62						
JEFFERSON PARK SCHOO		60	46	46	41							
KEEN SCHOOL		32	18	30	35	29						

ARIZONA PUPIL ACHIEVEMENT TESTING

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NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
KELLOND SCHOOL		68	66	47	48	46						
LAWRENCE SCHOOL		30	16	13	15							
LINEWEAVER SCHOOL		79	65	63	69	87						
LYNN SCHOOL		40	16	22	30	34						
LYONS SCHOOL		52	32	33	24							
MANZO SCHOOL		41	23	24	23	16						
MARSHALL SCHOOL		58	46	48	50	52						
MENLO PARK SCHOOL		40	25	30	28	53						
MILES EXPLORATORY		44	30	26	27	24	34	52				
MISSION VIEW SCHOOL		56	12	18	27	16						
MYERS SCHOOL		30	26	44	40	31						
OCHOA SCHOOL		26	23	18	32	46						
PUEBLO GARDENS		32	14	14	25	31						
REYNOLDS SCHOOL		49	36	42	49	50						
RICHEY SCHOOL		18	37	13	26	32						
ROBERTS SCHOOL		36	17	31	16							
ROBISON SCHOOL		54	32	40	33	37						
ROGERS SCHOOL		82	47	43	55	51						
MILLER SCHOOL		51	34	19	36	37						
ROSE SCHOOL		25	16	26	23	17						
ROSKRUGE SCHOOL		49	13	22	20							
SAFFORD ELEM SCHOOL		45	50	32	35							
SCHUMAKER SCHOOL		57	39	37	51	47						
SEWELL SCHOOL		67	68	48	53	63						
SMITH SCHOOL		52	47	25	52	48						
STEELE SCHOOL		50	44	45	52	42						
TOLSON SCHOOL		46	30	46	22							
TULLY SCHOOL		49	58	49	41	39						
SOLENG TOM SCHOOL		73	41	47	51	47						
VAN BUSKIRK SCHOOL		25	23	17	25	47						
VAN HORNE SCHOOL		54	56	50	52	63						
VESEY SCHOOL		37	32	41	34	41						
WARREN SCHOOL		24	17	32	35	44						
WHEELER SCHOOL		69	36	41	48	52						
WHITE SCHOOL		37	28	40	22							
WHITMORE SCHOOL		70	59	51	65	63						
WRIGHT SCHOOL		51	37	34	40	41						
WRIGHTSTOWN SCHOOL		70	49	67	59	51						
BASIC CURRICULUM							48	56				
CARSON JHS						42	36	43				

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
DOOLEN JHS						40	36	38				
FICKETT JHS						57	55	56				
GRIDLEY JHS						52	53	60				
MAGEE JHS							54	45				
MANSFELD JHS							48	52				
MAXWELL JHS						42	34	41				
NAYLOR						20	27	31				
PISTOR JHS						30	41	41				
BILINGUAL MAGNET						32	29	31				
SAFFORD JHS						54	37	33				
SECRIST JHS						47	53	59				
MALDONADO		39	22	35	23							
TOWNSEND JHS							52	50				
UTTERBACK JHS							48	46				
VAIL JHS							67	68				
WAKEFIELD JHS							20	23				
HOHOKAM						18	28	29				
JUNIOR HIGH ACCOM							1	15				
HOWENSTINE							2	14	18			
UNIVERSITY H. S.									91	93	95	
CATALINA HIGH SCHOOL									37	31	43	
CHOLLA HIGH SCHOOL									31	34	37	
PALO VERDE H. S.									50	45	51	
PROJECT MORE									22	27	17	
PUEBLO HIGH SCHOOL									26	29	26	
RINCON HIGH SCHOOL									39	46	44	
SABINO HIGH SCHOOL									60	63	65	
SAHUARO HIGH SCHOOL									55	55	61	
SANTA RITA H. S.									44	52	57	
TUCSON HIGH SCHOOL									39	34	38	
SENIOR HIGH ACCOM											19	
TEEN-AGE PARENT PROG								34	13	16	20	
MARANA UNIFIED DISTR		59	49	53	50	52	48	50	48	48	45	
ESTES SCHOOL		39	36	44	43							
THORNYDALE SCHOOL		58	47	52	49	65						
MARANA JHS						44	43	48				
BUTTERFIELD SCHOOL		69	57	53	51	55						
MARANA HIGH SCHOOL									40	34	36	

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
TORTOLITA JHS							51	51				
ROADRUNNER SCHOOL		50	45	48	56							
DESERT WINDS SCHOOL		55	46	48	43							
DEGRAZIA SCHOOL		69	55	64	55	50						
MOUNTAIN VIEW SCHOOL									54	55	51	
IRONWOOD SCHOOL		60	50	50	50	51						
FLOWING WELLS UNIFIE		56	48	45	49	42	49	45	51	49	51	
HOMER DAVIS SCHOOL		52	44	44	34							
WALTER DOUGLAS		54	46	53	51							
LAGUNA SCHOOL		42	27	35	48							
FLOWING WELLS JHS						42	49	45				
FLOWING WELLS H. S.									51	49	51	
INSCAPE SCHOOL										64	35	
ROBERT RICHARDSON		69	63	48	59							
AMPHITHEATER UNIFIED		62	52	54	56	59	52	51	53	53	57	
MARION DONALDSON		76	66	67	64	71						
WINIFRED HARELSON		75	73	73	71	73						
F O HOLAWAY SCHOOL		65	47	54	50	52						
HELEN KEELING SCHOOL		39	34	42	45	43						
E C NASH SCHOOL		41	26	25	31	40						
L M PRINCE SCHOOL		46	24	43	39	40						
LULU WALKER SCHOOL		56	50	57	60	70						
CORONADO SCHOOL		63	55	43	43							
MESA VERDE SCHOOL		68	50	63	54	79						
RIO VISTA SCHOOL		69	54	43	63	64						
AMPHITHEATER JR HIGH							48	46				
LAWRENCE W CROSS JR						59	60	56				
CORONADO MIDDLE						54	45					
COPPER CREEK ELEM		83	65	73	70							
AMPHITHEATER EVENING									17	14	30	
AMPHITHEATER H. S.									50	49	48	
CANYON DEL ORO HIGH									58	59	66	
SUNNYSIDE UNIFIED DI		42	33	35	33	34	38	39	30	34	36	
SUNNYSIDE H. S.									31	34	36	

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
SUNNYSIDE ALT ED									11	12	20	
ELVIRA SCHOOL		32	34	29	23							
LOS AMIGOS SCHOOL		21	15	24	30							
DREXEL SCHOOL		34	25	25	40							
ESPERANZA SCHOOL		48	44	69	48							
LIBERTY SCHOOL		40	37	34	28							
CRAYCROFT SCHOOL		57	21	28	16							
LOS RANCHITOS SCHOOL		35	26	29	26							
MISSION MANOR SCHOOL		47	30	40	26							
LOS NINOS SCHOOL		61	42	47	33							
DESERT VIEW H.S.									30	35	38	
APOLLO MIDDLE SCHOOL						32	34	35				
CHAPPARRAL MIDDLE						30	39	41				
SANTA CLARA SCHOOL		42	29	19	26							
GALLEGO SCHOOL		57	49	48	61							
SIERRA MIDDLE SCHOOL						37	42	42				
TANQUE VERDE UNIFIED		79	61	64	66	66	59	57	68			
TANQUE VERDE SCHOOL		81	55	70	61	67						
EMILY GRAY JHS							59	57	68			
AGUA CALIENTE SCHOOL		77	68	58	72	65						
AJO UNIFIED DISTRICT		34	42	45	31	48	39	52	43	52	37	
AJO ELEMENTARY		34	42	45	31							
AJO JUNIOR HIGH						48	39	52				
AJO HIGH SCHOOL									43	52	37	
CATALINA FOOTHILLS U		79	64	67	67	73	70	72				
SUNRISE DRIVE SCHOOL		80	71	66	67	74						
MANZANITA SCHOOL		81	64	73	73	74						
ORANGE GROVE JHS							70	72				
CANYON VIEW		78	57	63	62	71						
SAHUARITA UNIFIED DI		60	51	46	55	42	40	45	42	44	46	
SAHUARITA SCHOOL		65	46	52	47							
SOPORI SCHOOL		48	64	31	74							

ARIZONA PUPIL ACHIEVEMENT TESTING

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MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
SAHUARITA JHS						42	40	45				
SAHUARITA H. S.									42	44	46	
INDIAN OASIS-BABOQUI		28	18	17	26	19	20	21	13	14	23	
INDIAN OASIS PRIMARY		28	18									
TOPAWA MIDDLE				17	26	19						
BABOQUIVARI JHS							20	21				
BABOQUIVARI H. S.									13	14	23	
VAIL ELEM DISTRICT		66	55	58	58	34	39	54				
VAIL SCHOOL		66	55	58	58	34	39	54				
CONTINENTAL ELEM DIS		82	44	36	59	45	55	74				
CONTINENTAL SCHOOL		82	44	36	59	45	55	74				
ALTAR VALLEY SCHOOL		41	41	38	34	22	47	45				
MARY E DILL SCHOOL		41	41	38	34	22	47	45				

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
PINAL		44	36	37	37	39	39	38	34	34	33	
MARY C O'BRIEN ELEM		21	29	27	15	38						
MARY C O'BRIEN		21	29	27	15	38						
FLORENCE UNIFIED DIS		49	40	37	31	33	34	37	29	21	25	
FLORENCE ELEMENTARY		49	40	37	31							
FLORENCE HIGH SCHOOL									29	21	25	
FLORENCE MIDDLE						33	34	37				
RAY UNIFIED DISTRICT		57	38	30	41	52	35	52	36	37	33	
RAY PRIMARY		57	38	30								
RAY ELEMENTARY					41	52	35	52				
RAY HIGH SCHOOL									36	37	33	
MAMMOTH SAN MANUEL U		41	27	33	39	36	39	39	29	31	37	
MAMMOTH SCHOOL		39	25	30	37	47						
FIRST AVENUE SCHOOL		42	28									
AVENUE B SCHOOL				34	39	32						
GARDNER MIDDLE							39	39				
SAN MANUEL HIGH									29	31	37	
EL CAMINO ED CENTER									16	27		
SUPERIOR UNIFIED DIS		36	32	41	25	37	41	30	27	29	25	
ROOSEVELT SCHOOL							41	30				
KENNEDY SCHOOL		36	32	41	25	37						
SUPERIOR HIGH SCHOOL									27	29	25	
MARICOPA UNIFIED DIS		33	36	49	35	26	41	37	38	40	20	
MARICOPA SCHOOL		33	36	49	35							
MARICOPA HIGH SCHOOL									38	40	20	
MARICOPA MIDDLE						26	41	37				

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS
NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
COOLIDGE UNIFIED DIS		41	38	44	46	46	44	36	29	31	24	
WEST SCHOOL		41	38									
NORTH SCHOOL				44								
COOLIDGE CENTRAL					46	46	44	36				
COOLIDGE HIGH SCHOOL									29	31	24	
APACHE JUNCTION UNIF		58	45	48	48	49	48	47	42	40	42	
SUPERSTITION MTN		77	35	43	52	57						
APACHE JUNCTION JHS							48	47				
FOUR PEAKS		43	36	34	35	42						
APACHE JUNCTION H S									42	40	42	
GOLD CANYON		68	63	63	57	55						
DESERT VISTA		47	45	50	50	47						
ORACLE ELEM DISTRICT		53	31	41	36	34	32	35				
ORACLE SCHOOL		53	31	41	36	34	32	35				
J O COMBS ELEM DISTR		51	52	46	59	31	46	46				
J O COMBS SCHOOL		51	52	46	59	31	46	46				
CASA GRANDE ELEM DIS		41	33	29	31	42	38	34				
COTTONWOOD SCHOOL		33	46	33	38	44						
EVERGREEN SCHOOL		41	27	37	40	39						
OCOTILLO SCHOOL		37	26	19	15	36						
PALO VERDE SCHOOL		48	32	28	23	23						
SAGUARO SCHOOL		45	37	26	33	46						
CASA GRANDE JHS							38	34				
CHOLLA SCHOOL		37	32	30	33	48						
IRONWOOD SCHOOL		45	30	28	37	43						
RED ROCK ELEM DISTRI		55	73	58	39	37	46	52				
RED ROCK SCHOOL		55	73	58	39	37	46	52				

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS
NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
ELOY ELEM DISTRICT		31	24	33	25	29	31	29				
ELOY INTERMEDIATE				33	25	29						
CURIEL SCHOOL		31	24									
ELOY JUNIOR HIGH							31	29				
SACATON ELEM DISTRIC		40	38	25	15	15	16	15				
SACATON ELEMENTARY		40	38	25								
SACATON MIDDLE					15	15	16	15				
TOLTEC ELEM DISTRICT		39	35	36	49	43	52	57				
TOLTEC SCHOOL		39	35	36	49	43	52	57				
STANFIELD ELEM DISTR		44	29	28	36	28	36	23				
STANFIELD SCHOOL		44	29	28	36	28	36	23				
PICACHO ELEM DISTRIC		45	43	28	43	39	19	27				
PICACHO SCHOOL		45	43	28	43	39	19	27				
CASA GRANDE UNION H.									36	41	39	
CASA GRANDE UNION									36	41	39	
SANTA CRUZ VLY U H S									26	20	16	
SANTA CRUZ VALLEY HS									26	20	16	

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
SANTA CRUZ		44	36	36	38	36	32	29	29	26	28	
NOGALES UNIFIED DIST		41	36	36	40	35	30	26	28	25	28	
WADE CARPENTER MID						34	31	29				
CORONADO ELEMENTARY		68	57	57	54							
LINCOLN SCHOOL		33	46	30	43							
A J MITCHELL SCHOOL		30	30	26	35							
MARY WELTY SCHOOL		40	30	25	30							
NOGALES HIGH SCHOOL									28	25	28	
PIERSON MIDDLE						35	29	24				
CHALLENGER		49	26	48	38							
SANTA CRUZ VALLEY UN		47	30	36	33	35	33	35				
CALABASAS SCHOOL						35	33	35				
TUBAC SCHOOL		47										
MOUNTAIN VIEW SCHOOL			30	36	33							
SANTA CRUZ ELEM DIST		50	52	42	47	42	29	50				
SANTA CRUZ SCHOOL		50	52	42	47	42	29	50				
PATAGONIA ELEM DISTR		61	37	31	48	56						
PATAGONIA SCHOOL		61	37	31	48	56						
SONOITA ELEM DISTRIC		71	50	51	29	51	56	68				
ELGIN SCHOOL		71	50	51	29	51	56	68				
PATAGONIA UNION HIGH							56	48	58	44	28	
PATAGONIA H. S.							56	48	58	44	28	

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
YAVAPAI		57	45	43	48	53	48	49	51	51	51	
PRESCOTT UNIFIED DIS		52	50	47	53	60	50	55	53	53	55	
WASHINGTON SCHOOL		37	33	40	52	60						
LINCOLN SCHOOL		60	49	55	52	68						
MILLER VALLEY SCHOOL		59	40	54	61	68						
DEXTER SCHOOL		47	52	34	32	38						
TAYLOR HICKS SCHOOL		48	72	52	56	58						
PRESCOTT JUNIOR HIGH							50	53				
PRESCOTT HIGH SCHOOL									53	53	55	
GRANITE MOUNTAIN JR							50	58				
ABIA JUDD		57	47	46	58	62						
BAGDAD UNIFIED DISTR		76	56	38	42	29	47	42	53	38	38	
DAVID C LINCOLN		76	56	38	42	29	47	42				
BAGDAD HIGH SCHOOL									53	38	38	
HUMBOLDT UNIFIED DIS		55	36	38	49	59	45	39	47	53	43	
LAKE VALLEY SCHOOL		51	24	31	45	60						
BRADSHAW MOUNTAIN							45	39				
BRADSHAW MOUNTAIN HS									47	53	43	
HUMBOLDT ELEMENTARY		79	41	37	56	54						
MOUNTAIN VIEW		44	43	45	48	60						
CAMP VERDE UNIFIED D		50	49	44	49	52	56	44	45	45	45	
CAMP VERDE SCHOOL		50	49	44	49	52	56	44				
CAMP VERDE H. S.									45	45	45	
ASH FORK UNIFIED DIS		37	42	28	32	35	30	57	27	49	38	
ASH FORK SCHOOL		37	42	28	32	35	30	57				
ASH FORK HIGH SCHOOL									27	49	38	
SELIGMAN UNIFIED DIS		33	39	58	29	40	26	39	24	21	46	
SELIGMAN SCHOOL		33	39	58	29	40	26	39				

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
SELIGMAN HIGH SCHOOL									24	21	46	
MAYER UNIFIED DISTRI		69	55	39	55	45	56	58	39	33	37	
MAYER SCHOOL		69	55	39	55	45	56	58				
MAYER HIGH SCHOOL									39	33	37	
CHINO VALLEY UNIFIED		57	42	42	48	43	42	48	53	47		
DEL RIO SCHOOL		57	42	42	48							
HERITAGE MIDDLE						43	42	48				
CHINO VALLEY HIGH									53	47		
SKULL VALLEY ELEM DI		83	1	19	14	29						
SKULL VALLEY SCHOOL		83	1	19	14	29						
KIRKLAND ELEM DISTRI		50	55	29	12	52						
KIRKLAND SCHOOL		50	55	29	12	52						
BEAVER CREEK ELEM DI		66	30	50	46	58	52	39				
BEAVER CREEK SCHOOL		66	30	50	46	58	52	39				
HILLSIDE ELEM DISTRI		91	23	31	61	20						
HILLSIDE SCHOOL		91	23	31	61	20						
CROWN KING ELEM DIST		80		70								
CROWN KING SCHOOL		80		70								
CANON ELEM DISTRICT		52	34	65	41	51	61	50				
CANON SCHOOL		52	34	65	41							
CANON JHS						51	61	50				

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
YARNELL ELEM DISTRIC		42	29	26	37	51						
YARNELL SCHOOL		42	29	26	37	51						
CLARKDALE-JEROME ELE		65	39	38	35	50	51	48				
CLARKDALE-JEROME		65	39	38	35	50	51	48				
COTTONWD OAK CRK ELE		60	49	42	46	54	49	54				
COTTONWOOD		53	50	42	37	58						
COTTONWOOD JHS							45	51				
OAK CREEK SCHOOL		58	43	43	59	42	54	57				
WEST SEDONA SCHOOL		62	44	45	43	62	58	63				
DR. DANIEL BRIGHT		65	53	40	50	50						
MINGUS UNION H.S.									57	56	55	
MINGUS UNION HIGH									57	56	55	

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
YUMA		39	32	33	34	37	33	36	33	34	34	
YUMA ELEM DISTRICT		40	33	36	35	40	36	36				
ALICE BYRNE SCHOOL		52	29	40	28							
CARVER SCHOOL		28	8	32	13	43						
C W MCGRAW SCHOOL		31	33	29	36	41						
FOURTH AVE JHS							26	29				
GILA VISTA JHS							44	39				
JAMES D PRICE SCHOOL		66	25	44	38	54						
MARY E POST SCHOOL			40	33	28	26						
O C JOHNSON SCHOOL		41	47	35	43	44						
PALMCROFT SCHOOL		43	37	35	36							
PECAN GROVE SCHOOL		28	26	22	33	36						
ROOSEVELT SCHOOL		41	31									
JAMES B ROLLE SCHOOL		40	37	54	50	52						
WOODARD JHS						40	41	40				
GWYNETH HAM SCHOOL		49	35	37	34	34						
SOMERTON ELEM DISTRI		37	25	23	20	22	20	34				
SOMERTON PRIMARY		38	20									
ORANGE GROVE		36	43	23	36	30						
DESERT SONPRA INTER				22	17	20						
CARLISLE JHS							20	34				
CRANE ELEM DISTRICT		45	35	36	40	42	41	40				
CRANE PUEBLO SCHOOL		52	37	45	36	44						
RANCHOVIEJO SCHOOL		31	27	25	37	36						
H L SUVERKRUP SCHOOL		48	32	35	42	37						
CRANE JHS							41	40				
RONALD REAGAN FUND		56	56	48	49	58						
HYDER ELEM DISTRICT		29	25	43	44	43	38	39				
DATELAND SCHOOL		29	25	43	44	43	38	39				

ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS
NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
MOHAWK VALLEY ELEM D		53	51	39	43	43	38	49				
MOHAWK VALLEY SCHOOL		53	51	39	43	43	38	49				
WELLTON ELEM DISTRIC		29	33	36	31	36	26	41				
WELLTON SCHOOL		29	33	36	31	36	26	41				
GADSDEN ELEM DISTRIC		11	9	10	15	18	17	26				
GADSDEN SCHOOL			8	10	15	18	17	26				
RIO COLORADE		11	13									
ANTELOPE UNION H.S.									28	24	27	
ANTELOPE UNION H.S.									28	24	27	
YUMA UNION H.S.									33	34	35	
YUMA HIGH SCHOOL									33	27	32	
KOFA HIGH SCHOOL									31	35	33	
CIBOLA HIGH SCHOOL									36	40	39	

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ARIZONA PUPIL ACHIEVEMENT TESTING

MATHEMATICS

NATIONAL INDIVIDUAL PERCENTILE RANK

APRIL 1990

COUNTY DISTRICT SCHOOL	GRADE											
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
NATIONAL	52	52	50	51	51	51	50	48	48	49	49	50
STATEWIDE	50	55	44	45	46	49	48	48	46	47	48	43
LA PAZ		44	27	32	39	36	38	43	38	46	42	
PARKER UNIFIED DISTR		45	26	31	43	36	40	44	39	49	42	
BLAKE SCHOOL		50										
WALLACE SCHOOL			26	33	48	38	48	49				
LE PERA SCHOOL		27	29	28	34	29	25	30				
PARKER HIGH SCHOOL									39	49	42	
QUARTZSITE ELEM DIST		37	29	31	21	27	28	38				
EHRENBERG SCHOOL		37	29	31	21	27	28	38				
WENDEN ELEM DISTRICT		28	29	46	18	52	49	41				
WENDEN SCHOOL		28	29	46	18	52	49	41				
BOUSE ELEM DISTRICT		37	21	52	55	74	55	35				
BOUSE SCHOOL		37	21	52	55	74	55	35				
SALOME CONSOLIDATED		64	37	27	34	51	40	43				
SALOME SCHOOL		64	37	27	34	51	40	43				
BICENTENNIAL U H.S.									38	33	44	
SALOME HIGH SCHOOL									38	33	44	